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## Dear Mr. President: Extortion? 12 Leads Re Patent Trolls for Your DOJ-FTC Investigation

Author: [Tom Ewing](#)

### Dear Mr. President,

As a columnist here at [aNewDomain.net](#) – and as the intellectual property attorney who first [published evidence in 2007](#) that mega mass patent aggregator Intellectual Ventures routinely buys, sells and litigates patents via thousands of oddly-named shell companies under veil — your [Google+ February 14 State of the Union fireside comments on patent trolls](#) intrigued me.

*(Ed note: Find President Obama's video — and many of the documents to which it refers — below the fold.)*

In that [February 14 hangout](#), you said patent “trolls don't actually produce anything themselves ... they just leverage and hijack somebody else's idea and see if they can extort some money out of them.”

“Extort,” you said. “Hijack.” These are fighting words in my neck of the woods.

There are countless investors and inventors in Silicon Valley who are with you on those descriptions of so-called patent trolls. But, as [GigaOm](#) rightly asked: Exactly what do you plan to do about it?

It sounds like you mean business. But do your investigators at [the Department of Justice \(DOJ\)](#), the [Federal Trade Commission \(FTC\)](#), the [Securities and Exchange Commission](#) and the [Internal Revenue Service](#) have the time, patience and gusto to examine the murky and incestuous mire that patent trolls have created to obscure their activities in the tech world?

The whole of U.S. tech innovation and its future is at stake here. And your investigators are going to need a road map to figure it all out.

Here's a 12-point plan for you and your agencies to jumpstart your patent troll investigation project.

**1. Don't stop at anti-competitive issues.** Tech insiders are well aware that the [DOJ](#), [FTC](#) and the [United States Patent and Trademark Office](#) are [moving to investigate firms like IV](#) and whether they're violating antitrust and anti-competition laws. But that's just a start. To truly figure out what's going on here, you [need to go further — a lot further — than](#) just looking at antitrust and anti-competition. And you need all the subpoena firepower these agencies bring to the table to really figure out what's going on here.

Only the feds have the tools to figure out whether patent “trolls” of such massive size are defrauding investors, slowing tech innovation, violating tax laws, and perhaps even extorting companies to invest their patents and dollars in exchange for IP litigation and injunction protection.

[Sunshine is a good thing](#), as my co-author, UC Hastings professor Robin Feldman, likes to say. Our article for *The Stanford Technology Law Review* — [The Giants Among Us](#) — is a good place to start. When you read that, you'll understand the enormous lengths mass aggregators have gone to in order to conceal their activities from the governments, universities, inventors and huge tech firms that either invest in or do business with them.

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### THE REPORT

Consider whether patent assertion entities, as the FTC calls them, as a whole and individually are violating racketeering statutes under RICO — or if they are mischaracterizing their investment and litigation profits and the taxes they pay.

**Are they getting tech companies to back them willingly or coercing them to do so?** Getting to the truth of the matter has to be a multi-agency effort.

Demand that your U.S. agencies develop a full and complete picture of **Intellectual Ventures** at the very least. No private party could adequately conduct such an investigation. Only the federal government has the resources for this task. Every party who has ever dealt with IV is under the strictest, most-draconian non-disclosure agreement possible.

Your guys could plow through that and tell the world what's really going on.

Tech has never needed more sunshine than it does now. Just look at IV. Led by former Microsoft CTO Nathan Myhrvold, ex Intel IP chief Peter Detkin, Seattle attorney Greg Gorder and ex MS exec Ed Jung, IV quietly grew over 10 years to assume now-massive proportions. It appears to be the nation's single largest patent holder — and is involved directly or indirectly in hundreds of tech patent lawsuits that waste tech company money, which would otherwise funnel into R&D to develop new American products for the global marketplace.

There are suits where defendants often can't even tell IV is involved. And tech buyers hear one thing and discover another.

**For instance, it took a court order just to find out that tech companies like Microsoft, Nokia, Apple and Sony are among those who fund Intellectual Ventures in exchange for rights to its patents and other perks.** As for Apple, this is a company that **has testified before Congress about the damage patent trolls do.** Yet it backs one. What is going on?

**2. Think outside the box and examine how U.S. and foreign research labs have sold or exclusively licensed valuable intellectual property to IV and other patent mass aggregators.**

No one will know the extent of it until your investigators get the secret agreements.

Your agents will be able to find out under what conditions the fruits of government-owned and taxpayer-funded research went to aggregators who have no intention to ever make actual products. These are patent trolls, as you called them.

Suggestion: Examine the government's transactions with limited liability companies having names such as: **Vytral Systems Co. Ltd, LLC, Elemental Wireless, LLC** and the **Doar, Pekuín, Sall Limited Liability Company**. These are quite possibly alter egos of patent trolls.

And consider alerting your counterparts in the Canadian, British, German and French governments about this. Their research agencies have likewise sold or exclusively licensed patents to patent aggregators operating in the U.S. either directly or indirectly via shell companies that don't appear to be connected to big patent trolls — unless you do a deep dive.

These countries should know how the legal rights to publicly funded research ended up in private hands in the United States.

For example, here's proof that the British government sold patents to **Intellectual Ventures by way of its Intellectual Ventures Fund 20 LLC**. I imagine Her Majesty the Queen, as listed in the transfer doc, would also not be pleased that patents went to another IV entity, a shell company with a comical German name. **Here's proof of that.**

**3. Make sure your investigators know that U.S. universities have sold or exclusively licensed patents on research funded by federal grants to Intellectual Ventures and other patent mass aggregators.** Caltech, for instance, actually granted exclusive licenses of its IP to **Intellectual Ventures Holding 59 LLC**. That was in 2009.

Consider U.S. patent 7,023,435, which Caltech licensed to that IV-related LLC. Called "Object surface representation and related methods and systems." The '435 patent even includes a government interest statement that reads in part:

*The U.S. Government has certain rights in this invention pursuant to Grant Numbers ACI-9721349 and DMS-9874082 awarded by the **National Science Foundation**.*



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IV has publicly admitted it does business with more than 300 universities worldwide, but most of these transactions aren't publicly visible because they are exclusive licenses that don't have to be publicly recorded.

Ask whether current federal regulations prohibit the sale of government-sponsored research to the companies you call "trolls." When the results of government-funded research IP goes to patent aggregators who never will make actual products, I pause.

You should, too, Mr. President.

**4. Have your investigators look into the extent under which it is acceptable under U.S. competition laws for companies to use a patent aggregator as an alter ego to compete against other companies.** This is what I call **privateering** and it happens more frequently than you might know.

Apple is yet again a good example of this phenomenon. Patent records show that **Apple** sold 12 patents — via a company named Cliff Island — to **Digitude Innovations**, once a Virginia-based patent aggregator that had as its major stakeholder NYC venture firm Altitude Capital Partners. Two of the 12 patents that Apple transferred — patent Nos. 6,208,879 and 6,456,841 — formed half the basis of **Digitude's February 2012 lawsuit** (PDF) against Motorola Mobility Holdings, a division of Google.

This lawsuit dried up when another patent aggregator, RPX, purchased Digitude and the Apple patents along with it. But you can find the background in the U.S. Patent and Trademark Office (USPTO) **patent-assignment database**.

Should companies rightly use their membership in patent aggregator funds as a means of accomplishing ends that would be impossible on their own?

Why didn't Apple just sue Google directly, you might ask?

Google, once an investor in Intellectual Ventures, last year told my colleague Gina Smith here at **aNewDomain.net** that it wasn't investing any more money in IV. Execs didn't like paying the bill for its competitors to sue it and other Android vendors. The list of remaining investing tech partners in IV reads like a **Who's Who of Google competitors**.

Here's a list of tech companies that have sunk money into Intellectual Ventures, below. According to public docs, investments are in the cumulative billions. Verizon alone paid more than \$350 million into IV, according to an SEC doc **Verizon filed in 2008** that references the \$350 million figure.

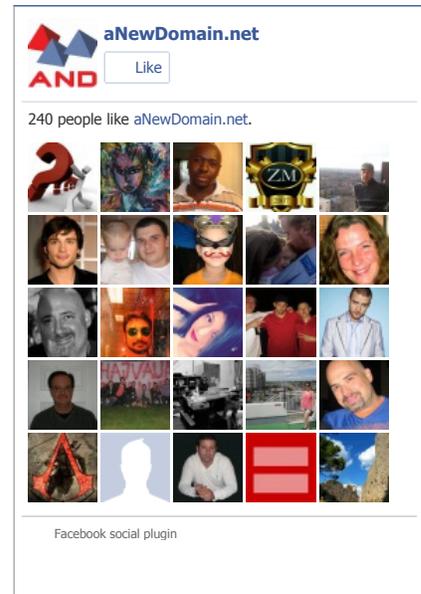
An excerpt from Verizon's 2008 SEC filing:

*During 2008, we entered into an agreement to acquire a non-exclusive license [IP License] to a portfolio of intellectual property owned by an entity formed for the purpose of acquiring and licensing intellectual property. We paid an initial fee of over \$100 million for the IP license, which is included in [other] intangible assets and is being amortized over the expected useful lives of the licensed IP."*

Additionally, the SEC filing said, Verizon invested \$250 million "to become a member in a limited liability company" that gives Verizon rights to "certain intellectual property" in return for a license fee Verizon must pay annually.

### Tech investors in Intellectual Ventures

Investor name	Which IV fund
Adobe Systems Inc.	Invention Investment Fund II
Amazon.com NV Investment Holdings Inc.	Invention Investment Fund I, II
Apple Inc.	Invention Investment Fund I, II;



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Microsoft Corp.	Invention Investment Fund I, II; Intellectual Ventures I, II
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Nvidia International Holdings, Inc.	Invention Investment Fund I, II
SAP America Inc.	Invention Investment Fund I, II
Sony Corp.	Invention Investment Fund I, II; Intellectual Ventures I, II
Verizon Corporate Services Group, Inc.	Invention Investment Fund II; Intellectual Ventures II
Xilinx Inc.	Invention Investment Fund I, II
Yahoo Inc,	Invention Investment Fund I, II

Source: *Lawsuit filed on May 16, 2011: Xilinx vs Intellectual Ventures*

**5. To what extent are the patent aggregators separate entities at all?** Most do business with one another — they only compete for patent assets, and that nobody can deny.

Consider the extent to which [Mosaid](#), [Wi-Lan](#), [Transpacific IP](#), the [Rockstar Consortium](#), and [Round Rock Research](#) are genuinely independent parties. Might they possibly be different faces of the same overall entity? This matters for a lot of reasons. Check out a letter penned by a group of antitrust lawyers who claim that Rockstar (Microsoft, Apple and other firms) promised the government one thing before purchasing 4,000 Nortel patents for \$1B but then delivered quite another. That letter is embedded below.

**6. Have the fundraising activities of the patent mass aggregators satisfied the legal requirements for the SEC and the various states in which the patent trolls operate?**

Consider: A guy named Andre Lee was listed in [Intellectual Venture's fund raising documents](#) filed with the SEC in 2007 as a “promoter” for its Invention Development Fund I — a billion-dollar fund he later apparently ran as an Intellectual Ventures employee. Yes, that’s the same Andre Lee who is [widely reviled for almost single-handedly bringing down one of Asia’s most prominent investment banks](#), Peregrine, in 1998.

[According to a judgment, a Hong Kong Judge in 2009 disqualified Lee from being a director of a Hong Kong company for four and a half years.](#) That disqualification order was made as part of proceedings that started way before he joined IV — circa 2002 by Peregrine’s official receiver.

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What sort of disclosures did IV make to investors in the Invention Development Fund about Andre Lee and the then-pending investigation against Lee in Hong Kong?

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**7. How does a company like Intellectual Ventures handle its taxes?** After all, the company comprises a web of at least 1200 limited liability shell companies. Some of these companies own patents. Some own exclusive licenses. Others control specific investments and some handle only licensing or litigation matters.

Does each entity file a tax return or does IV somehow homogenize profits and losses across all these companies? Is one set of companies responsible for the debts with another set of companies set up as responsible for the revenue? How does it work? It sounds complicated and makes for some tricky tax issues at the very least. Perhaps the IRS should look into that.

**8. Here's another question for you: Have companies, governments and inventors — particularly sole inventors — received remuneration from IV after they sold or licensed patents to it?**

Has IV ever assessed them with unforeseen charges? Has IV satisfied the expectations of The American Inventors Protection Act (AIPA)?

**9. Should commitments made by one set of patent owners be binding — that is, operate as a covenant — for future owners of the patent?**

As I mentioned above, it seems like the commitments made by Microsoft and Apple to the DOJ during the approval of the Nortel acquisition should be binding on the portfolio's future owners, e.g., Rockstar IP.

**10. How does the internal management structure work for complex and shadowy patent mass aggregators like IV?** Do these companies disclose the management structure to their investors — and how do they make decisions?

After all, Intellectual Ventures sued its investor Xilinx and various Android smartphone manufacturers who were business partners with IV investor Google. What is up with that?

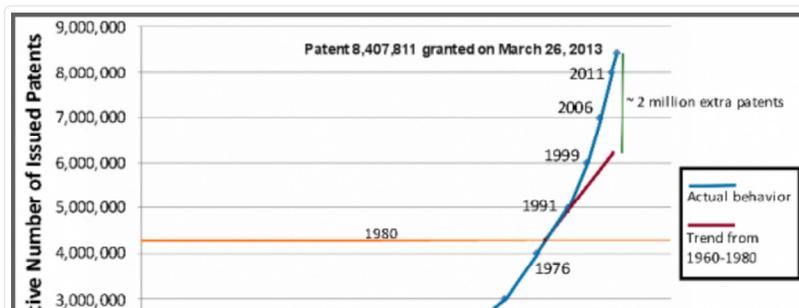
**11. Does the patent licensing system in the U.S. favor a licensor's aggression over the merits of the underlying patents?** It sure looks that way.

**12. Is the patent licensing market impaired by the tremendous growth in the number of patents during the past 20 years?**

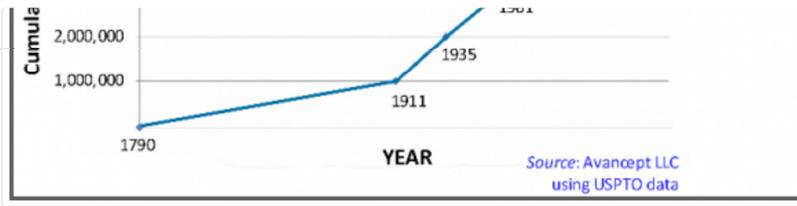
Look at my chart below. If the patent allowance rate of the 1963 to 1980 era had stayed in effect through the pro-patent era that began in 1980, there would be 2 million fewer issued patents today. That means we would have 6 million U.S. patents as opposed to the current 8 million plus.

The U.S. Patent Office issued its first patent in 1790. Patents issue sequentially. The most-recently issued patent was 8,407,811. The halfway point for US patents was 4,203,905 which was issued on May 20, 1980. So, half of all granted U.S. patents were issued after May 20, 1980 — 190 years of R&D on one side of the midpoint line and 33 years on the other.

Of course, some of this growth resulted from heightened R&D funding. But much of it traces to companies simply filing for patents more often. That means more opportunities for tech litigation and trolling. As you know, Mr. President, the United States has the world's most-expensive and complicated infrastructure around patent litigation. That's got to be changed. But to change it, you need to identify the heart of the problem.



## TOPICS



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Thank you for your continued interest in the U.S. innovation system and the legal rights and responsibilities related to it.

Sincerely yours,

**Tom Ewing**

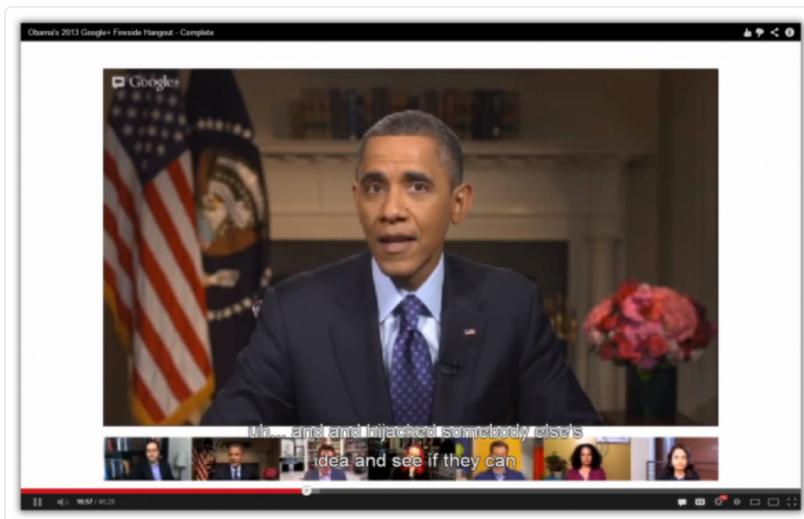
Here's the video from President Barack Obama and his Google+ State of the Union Hangout, where he said, "patent trolls ... extort" and "hijack" tech innovations. The comment is at 16:47.



Video of U.S. President Barack Obama on Google+ Hangout: [Via TheDailyConversation Youtube Channel](#)

Here's what the American Antitrust Association wrote to the government regarding antitrust issues and patent trolls. It names Intellectual Ventures and notes the issues with Rockstar and its failure to keep to government agreements.

[American Antitrust Institute on IV](#); by [Gina Smith](#)



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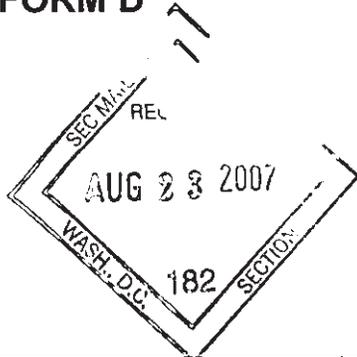
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FORM D

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION  
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Filing Under (Check box(es) that apply):  Rule 504  Rule 505  Rule 506  Section 4(6)  ULOE  
Type of Filing:  New Filing  Amendment

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1. Enter the information requested about the issuer

Name of Issuer ( check if this is an amendment and name has changed, and indicate change.)

**INVENTION DEVELOPMENT FUND I, LLC**

Address of Executive Offices (Number and Street, City, State, Zip Code)  
**1756 114<sup>th</sup> Avenue SE, Suite 110, Bellevue, WA 98004**

Telephone Number (Including Area Code)  
**(425) 467-2272**

Address of Principal Business Operations (Number and Street, City, State, Zip Code) (if different from Executive Offices)

Telephone Number (Including Area Code)  
Same

Brief Description of Business  
**Intellectual Property Investment Fund**

Type of Business Organization

corporation  limited partnership, already formed  other (please specify): limited liability company  
 business trust  limited partnership, to be formed

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**Where To File:** U.S. Securities and Exchange Commission, 450 Fifth Street, N.W., Washington, D.C. 20549.

**Copies Required:** Five (5) copies of this notice must be filed with the SEC, one of which must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

**Information Required:** A new filing must contain all information requested. Amendments need only report the name of the issuer and offering, any changes thereto, the information requested in Part C, and any material changes from the information previously supplied in Parts A and B. Part E and the Appendix need not be filed with the SEC.

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- Each executive officer and director of corporate issuers and of corporate general and managing partners of partnership issuers; and
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**Lee, Andre**

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**Myhrvold, Nathan P.**

Business or Residence Address (Number and Street, City, State, Zip Code)

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Full Name (Last name first, if individual)

**The William and Flora Hewlett Foundation**

Business or Residence Address (Number and Street, City, State, Zip Code)

**2121 Sand Hill Road, Menlo Park, CA 94025**

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**A. BASIC IDENTIFICATION DATA**

2. Enter the information requested for the following:

- Each promoter of the issuer, if the issuer has been organized within the past five years;
- Each beneficial owner having the power to vote or dispose, or direct the vote or disposition of, 10% or more of a class of equity securities of the issuer;
- Each executive officer and director of corporate issuers and of corporate general and managing partners of partnership issuers; and
- Each general and managing partner of partnership issuers.

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Full Name (Last name first, if individual)

**The Board of Trustees of the Leland Stanford Junior University**

Business or Residence Address (Number and Street, City, State, Zip Code)

**c/o Stanford Management Company, 2770 Sand Hill Road, Menlo Park, CA 94025**

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Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

Check Box(es) that Apply:  Promoter  Beneficial Owner  Executive Officer  Director  General and/or Managing Partner

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Business or Residence Address (Number and Street, City, State, Zip Code)

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Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

Name of Associated Broker or Dealer

States in Which Person Listed Has Solicited or Intends to Solicit Purchasers

(Check "All States" or check individuals States) .....  All States

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| [IL] | [IN] | [IA] | [KS] | [KY] | [LA] | [ME] | [MD] | [MA] | [MI] | [MN] | [MS] | [MO] |
| [MT] | [NE] | [NV] | [NH] | [NJ] | [NM] | [NY] | [NC] | [ND] | [OH] | [OK] | [OR] | [PA] |
| [RI] | [SC] | [SD] | [TN] | [TX] | [UT] | [VT] | [VA] | [WA] | [WV] | [WI] | [WY] | [PR] |

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

Name of Associated Broker or Dealer

States in Which Person Listed Has Solicited or Intends to Solicit Purchasers

(Check "All States" or check individuals States) .....  All States

- |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| [AL] | [AK] | [AZ] | [AR] | [CA] | [CO] | [CT] | [DE] | [DC] | [FL] | [GA] | [HI] | [ID] |
| [IL] | [IN] | [IA] | [KS] | [KY] | [LA] | [ME] | [MD] | [MA] | [MI] | [MN] | [MS] | [MO] |
| [MT] | [NE] | [NV] | [NH] | [NJ] | [NM] | [NY] | [NC] | [ND] | [OH] | [OK] | [OR] | [PA] |
| [RI] | [SC] | [SD] | [TN] | [TX] | [UT] | [VT] | [VA] | [WA] | [WV] | [WI] | [WY] | [PR] |

Full Name (Last name first, if individual)

Business or Residence Address (Number and Street, City, State, Zip Code)

Name of Associated Broker or Dealer

States in Which Person Listed Has Solicited or Intends to Solicit Purchasers

(Check "All States" or check individuals States) .....  All States

- |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| [AL] | [AK] | [AZ] | [AR] | [CA] | [CO] | [CT] | [DE] | [DC] | [FL] | [GA] | [HI] | [ID] |
| [IL] | [IN] | [IA] | [KS] | [KY] | [LA] | [ME] | [MD] | [MA] | [MI] | [MN] | [MS] | [MO] |
| [MT] | [NE] | [NV] | [NH] | [NJ] | [NM] | [NY] | [NC] | [ND] | [OH] | [OK] | [OR] | [PA] |
| [RI] | [SC] | [SD] | [TN] | [TX] | [UT] | [VT] | [VA] | [WA] | [WV] | [WI] | [WY] | [PR] |

(Use blank sheet, or copy and use additional copies of this sheet, as necessary)

**C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS**

1. Enter the aggregate offering price of securities included in this offering and the total amount already sold. Enter "0" if answer is "none" or "zero." If the transaction is an exchange offering, check this box  and indicate in the columns below the amounts of the securities offered for exchange and already exchanged.

Type of Security	Aggregate Offering Price	Amount Already Sold
Debt.....	\$ _____	\$ _____
Equity.....	\$ _____	\$ _____
<input type="checkbox"/> Common <input type="checkbox"/> Preferred		
Convertible Securities (including warrants).....	\$ _____	\$ _____
Partnership Interests.....	\$ 1,000,000,000	\$ 503,000,000
Other (Specify ___).....	\$ _____	\$ _____
<b>Total</b> .....	<b>\$ 1,000,000,000</b>	<b>\$ 503,000,000</b>

Answer also in Appendix, Column 3, if filing under ULOE.

2. Enter the number of accredited and non-accredited investors who have purchased securities in this offering and the aggregate dollar amounts of their purchases. For offerings under Rule 504, indicate the number of persons who have purchased securities and the aggregate dollar amount of their purchases on the total lines. Enter "0" if answer is "none" or "zero."

	Number Investors	Aggregate Dollar Amount of Purchase
Accredited investors.....	25	\$ 503,000,000
Non-accredited Investors.....	0	\$ 0
<b>Total (for filings under Rule 504 only)</b> .....	<b>_____</b>	<b>\$ _____</b>

Answer also in Appendix, Column 4, if filing under ULOE.

3. If this filing is for an offering under Rule 504 or 505, enter the information requested for all securities sold by the issuer, to date, in offerings of the types indicated, in the twelve (12) months prior to the first sale of securities in this offering. Classify securities by type listed in Part C - Question 1.

Type of Offering	Type of Security	Dollar Amount Sold
Rule 505.....	_____	\$ _____
Regulation A.....	_____	\$ _____
Rule 504.....	_____	\$ _____
<b>Total</b> .....	<b>_____</b>	<b>\$ _____</b>

4. a. Furnish a statement of all expenses in connection with the issuance and distribution of the securities in this offering. Exclude amounts relating solely to organization expenses of the issuer. The information may be given as subject to future contingencies. If the amount of an expenditure is not known, furnish an estimate and check the box to the left of the estimate.

Transfer Agent's Fees.....	<input type="checkbox"/>	\$ _____
Printing and Engraving Costs.....	<input type="checkbox"/>	\$ _____
Legal Fees.....	<input checked="" type="checkbox"/>	\$ 400,000
Accounting Fees.....	<input type="checkbox"/>	\$ _____
Engineering Fees.....	<input type="checkbox"/>	\$ _____
Sales Commissions (specify finders' fees separately).....	<input type="checkbox"/>	\$ _____
Other Expenses (identify) _____	<input type="checkbox"/>	\$ _____
<b>Total</b> .....	<input checked="" type="checkbox"/>	<b>\$ 400,000</b>

**C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS**

b. Enter the difference between the aggregate offering price given in response to Part C - Question 1 and total expenses furnished in response to Part C - Question 4.a. This difference is the "adjusted gross proceeds to the issuer."

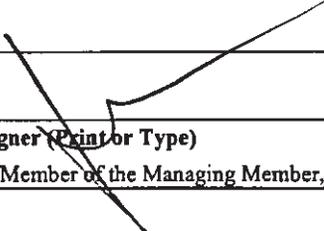
\$ 999,600,000

5. Indicate below the amount of the adjusted gross proceeds to the issuer used or proposed to be used for each of the purposes shown. If the amount for any purpose is not known, furnish an estimate and check the box to the left of the estimate. The total of the payments listed must equal the adjusted gross proceeds to the issuer set forth in response to Part C - Question 4.b above.

	Payments to Officers, Directors & Affiliates	Payments To Others
Salaries and fees .....	<input checked="" type="checkbox"/> \$ 300,150,000	<input type="checkbox"/> \$ _____
Purchase of real estate .....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Purchase, rental or leasing and installation of machinery and equipment.....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Construction or leasing of plant buildings and facilities.....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Acquisition of other businesses (including the value of securities involved in this offering that may be used in exchange for the assets or securities of another issuer pursuant to a merger).....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Repayment of indebtedness.....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Working capital .....	<input type="checkbox"/> \$ _____	<input checked="" type="checkbox"/> \$699,450,000
Other (specify): .....	<input type="checkbox"/> \$ _____	<input type="checkbox"/> \$ _____
Column Totals .....	<input checked="" type="checkbox"/> \$ 300,150,000	<input checked="" type="checkbox"/> \$699,450,000
<b>Total Payments Listed (column totals added).....</b>	<input checked="" type="checkbox"/> <b>\$ 999,600,000</b>	

**D. FEDERAL SIGNATURE**

The issuer has duly caused this notice to be signed by the undersigned duly authorized person. If this notice is filed under Rule 505, the following signature constitutes an undertaking by the issuer to furnish the U.S. Securities and Exchange Commission, upon written request of its staff, the information furnished by the issuer to any non-accredited investor pursuant to paragraph (b)(2) of Rule 502.

<b>Issuer (Print or Type)</b> INVENTION DEVELOPMENT FUND I, LLC	<b>Signature</b> 	<b>Date</b> August 17, 2007
<b>Name of Signer (Print or Type)</b> Gregory D. Gorder	<b>Title of Signer (Print or Type)</b> Managing Member of the Managing Member, IDF MANAGEMENT I, LLC	

*END*

**ATTENTION**

Intentional Misstatements or Omissions of Fact Constitute Federal Criminal Violations. (See 18. U.S.C. 1001.)

[Federal Register: May 20, 2008 (Volume 73, Number 98)]  
 [Notices]  
 [Page 29119-29120]  
 From the Federal Register Online via GPO Access [wais.access.gpo.gov]  
 [DOCID:fr20my08-38]

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 DEPARTMENT OF DEFENSE

Department of the Navy

Notice of Intent to Grant Exclusive Patent License; Vytral  
 Systems Co. Ltd, LLC

AGENCY: Department of the Navy, DoD.

ACTION: Notice.

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 SUMMARY: The Department of the Navy hereby gives notice of its intent to grant to Vytral Systems Co. Ltd, LLC a revocable, nonassignable, partially exclusive license to practice throughout the United States the Government-owned inventions described in U.S. Patent No. 7,281,482: SIDE THRUSTER PERFORMANCE IMPROVEMENT WITH POWER OPTIMIZATION CONTROLLER; U.S. Patent No. 7,277,573: ENHANCED RANDOMNESS ASSESSMENT METHOD FOR THREE-DIMENSIONS; U.S. Patent No. 7,272,072: METHOD OF CONVERTING RECEIVED DATA TO A TWO-DIMENSIONAL COLOR MAP; U.S. Patent No. 7,269,538: METHOD FOR SPARSE DATA TWO-STAGE STOCHASTIC MENSURATION; U.S. Patent No. 7,259,637: DELAY LOOP CORRECTION FOR A PROCESSOR; U.S. Patent No. 7,251,605: SPEECH TO TOUCH TRANSLATOR ASSEMBLY AND METHOD; U.S. Patent No. 7,236,252: SYSTEM AND APPARATUS FOR MEASURING DISPLACEMENTS IN ELECTRO-ACTIVE MATERIALS; U.S. Patent No. 7,212,652: METHOD FOR TRACKING TARGETS WITH HYPER-SPECTRAL DATA; U.S. Patent No. 7,209,240: SYSTEM AND APPARATUS FOR MEASURING DISPLACEMENTS IN ELECTRO-ACTIVE MATERIALS; U.S. Patent No. 7,180,416: TIME KEYED INFORMATION TRANSMISSION; U.S. Patent No. 7,177,232: WIRELESS RADIO FREQUENCY HYDROPHONE SYSTEM; U.S. Patent No. 7,155,389: DISCRIMINATING SPEECH TO TOUCH TRANSLATOR ASSEMBLY AND METHOD; U.S. Patent No. 7,143,033: AUTOMATIC MULTI-LANGUAGE PHONETIC TRANSCRIBING SYSTEM; U.S. Patent No. 7,120,089: SELF-CONTAINED AMBIENT NOISE RECORDER; U.S. Patent No. 7,111,577: ELECTROMAGNETIC WAVE PROPAGATION SCHEME; U.S. Patent No. 7,110,946: SPEECH TO VISUAL AID TRANSLATOR ASSEMBLY AND METHOD; U.S. Patent No. 7,106,658: NAVIGATION SYSTEM AND METHOD USING DIRECTIONAL SENSOR; U.S. Patent No. 7,106,269: OMNI-AZIMUTHAL PATTERN GENERATOR FOR VLF AND LF COMMUNICATION; U.S. Patent No. 7,103,502: ENHANCED SYSTEM FOR DETECTION OF RANDOMNESS IN SPARSE TIME SERIES DISTRIBUTIONS; U.S. Patent No. 7,062,386: METHOD TO ESTIMATE THE MECHANICAL PROPERTIES OF A SOLID MATERIAL SUBJECTED TO INSONIFICATION; U.S. Patent No. 7,061,431: SEGMENTED MICROSTRIP PATCH ANTENNA WITH EXPONENTIAL CAPACITIVE LOADING; U.S. patent No. 7,032,456: ISOSTATIC PIEZORESISTIVE PRESSURE TRANSDUCER WITH TEMPERATURE OUTPUT; U.S. Patent No. 7,027,211: FIBER OPTIC SWITCH EMPLOYING OPTICAL AMPLIFIERS; U.S Patent No. 7,020,046: SYSTEM

[[Page 29120]]

AND METHOD FOR TARGET MOTION ANALYSIS WITH INTELLIGENT PARAMETER EVALUATION PLOT; U.S. Patent No. 7,016,563: FIBER OPTIC SWITCH; U. S.

Patent No. 7,013,808: METHOD AND SYSTEM FOR DETERMINING A BOUNDING REGION; U.S. Patent No. 7,010,981: INVERSE METHOD FOR ESTIMATING THE WAVE PROPAGATION PARAMETERS OF TWO DISSIMILAR WAVE TYPES; U.S. Patent No. 6,984,899: WIND DAM ELECTRIC GENERATOR & METHOD; U.S. Patent No. 6,983,222: MULTI-STAGE PLANAR STOCHASTIC MENSURATION; U.S. Patent No. 6,980,926: DETECTION OF RANDOMNESS IN SPARSE DATA SET OF THREE DIMENSIONAL TIME SERIES DISTRIBUTIONS; U.S. Patent No. 6,967,899: METHOD FOR CLASSIFYING A RANDOM PROCESS FOR DATA SETS IN ARBITRARY DIMENSIONS; U.S. Patent No. 6,963,690: TERMINATION CLAMP ASSEMBLY FOR A HYBRID ELECTRICAL/FIBER OPTIC CABLE; U.S. Patent No. 6,940,986: APPARATUS AND METHOD FOR REMOTELY AND AUTOMATICALLY CONTROLLING THE VOLUME OF AUDIO SIGNALS PRODUCED BY A REMOTELY CONTROLLED AUDIO DEVICE; U.S. Patent No. 6,921,990: ELECTRONIC STATUS MONITORING SYSTEM FOR SECURITY CONTAINERS; U.S. Patent No. 6,674,406: MICROSTRIP PATCH ANTENNA WITH PROGRESSIVE SLOT LOADING; U.S. Patent No. 6,611,824: SYSTEM FOR BEARING-ONLY CONTACT STATE ESTIMATION USING RECURRENT NEURAL NETWORKS; U.S. Patent No. 6,564,169: METHOD FOR WIRE GUIDANCE TONE CERTIFICATION; U.S. Patent No. 6,469,666: DIGITAL ANTENNA GONIOMETER AND METHOD; U.S. Patent No. 6,385,130: DUAL CHANNEL SWITCH WITH FREQUENCY BAND LIMITING; U.S. Patent No. 6,374,197: FUZZY LOGIC BASED MODEL ASSESSMENT SYSTEM AND METHOD FOR CONTACT TRACKING; U.S. Patent No. 6,356,600: NON-PARAMETRIC ADAPTIVE POWER LAW DETECTOR; U.S. Patent No. 6,137,909: SYSTEM AND METHOD FOR FEATURE SET REDUCTION; U.S. Patent No. 5,787,408: SYSTEM AND METHOD FOR DETERMINING NODE FUNCTIONALITY IN ARTIFICIAL NEURAL NETWORKS; U.S. Patent No. 5,751,260: SENSORY INTEGRATED DATA INTERFACE; U.S. Patent No. 5,727,561: METHOD AND APPARATUS FOR NON-INVASIVE DETECTION AND ANALYSIS OF TURBULENT FLOW IN A PATIENT'S BLOOD VESSELS; and, U.S. Patent No. 5,617,869: DEVICE AND METHOD FOR LOCATING FLOW BLOCKAGE IN A THREE-DIMENSIONAL OBJECT and all patents or patent applications: (i) To which any of the above mentioned patents directly claims priority, (ii) for which any of the above mentioned patents directly forms a basis for priority, (iii) that were co-owned applications that directly incorporate by reference, or are incorporated by reference into, any of the above mentioned patents; (iv) reissues, reexaminations, extensions, continuations, continuing prosecution applications, requests for continuing examinations, divisions, and registrations of any of the above mentioned patents; and (v) foreign patents, patent applications and counterparts relating to any of the above mentioned Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances.

DATES: Anyone wishing to object to the grant of this license has fifteen (15) days from the date of this notice to file written objections along with supporting evidence, if any.

ADDRESSES: Written objections are to be filed with the Naval Undersea Warfare Center Division, Newport, 1176 Howell St., Bldg 990, Code 07TP, Newport, RI 02841.

FOR FURTHER INFORMATION CONTACT: Dr. Theresa A. Baus, Head, Technology Partnership Enterprise Office, Naval Undersea Warfare Center Division, Newport, 1176 Howell St., Bldg 990, Code 07TP, Newport, RI 02841, telephone: 401-832-8728, or e-mail: [bausta@npt.navy.mil](mailto:bausta@npt.navy.mil).

Authority: 35 U.S.C. 207, 37 CFR part 404.

Dated: May 14, 2008.

T.M. Cruz,

Lieutenant, Judge Advocate General's Corps, U.S. Navy, Federal Register  
Liaison Officer.

[FR Doc. E8-11241 Filed 5-19-08; 8:45 am]

BILLING CODE 3810-FF-P

[Federal Register: July 22, 2010 (Volume 75, Number 140)]  
[Notices]  
[Page 42718-42719]  
From the Federal Register Online via GPO Access [wais.access.gpo.gov]  
[DOCID:fr22jy10-43]

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DEPARTMENT OF DEFENSE

Office of the Secretary

Notice of Intent To Grant an Exclusive License; Doar, Pekuin,  
Sall Limited Liability Company

AGENCY: National Security Agency, DoD.

ACTION: Notice.

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SUMMARY: The National Security Agency hereby gives notice of its intent to grant Doar, Pekuin, Sall Limited Liability Company a revocable, non-assignable, exclusive, license to practice the following Government-Owned inventions as described in the following: U.S. Patent No. 5,656,552 entitled ``Method of making a thin conformal high-yielding multi-chip module''; U.S. Patent No. 5,835,912 entitled ``Method of efficiency and flexibility storing, retrieving, and modifying data in any language representation''; U.S. Patent No. 6,005,986 entitled ``Method of identifying the script of a document irrespective of orientation''; U.S. Patent No. 6,070,175 entitled ``Method of file editing using framemaker enhanced by application programming interface clients''; U.S. Patent No. 6,144,189 entitled ``Device for and method of switching and monitoring batteries''; U.S. Patent No. 6,298,144 entitled ``Device for and method of detecting motion in an image''; U.S. Patent No. 6,391,744 entitled ``Method of fabricating a non-SOI device on an SOI starting wafer and thinning the same''; U.S. Patent No. 6,493,366 entitled ``Vertical cavity surface emitting laser with oxidized strain-compensated superlattice of group III-V semiconductor''; U.S. Patent No. 6,519,362 entitled ``Method of extracting text present in a color image''; U.S. Patent No. 6,531,414 entitled ``Method of oxidizing strain-compensated superlattice of group III-V semiconductor''; U.S. Patent No. 6,704,449 entitled ``Method of extracting text from graphical images''; U.S. Patent No. 6,941,013 entitled ``Method of image binarization using histogram modeling''; U.S. Patent No. 6,977,212 entitled ``Fabricating a semiconductor device using fully cured bisbenzocyclobutene''; U.S. Patent No. 7,232,740 entitled ``Method for bumping a thin wafer''; U.S. Patent No. 7,286,359 entitled ``Use of thermally conductive vias to extract heat from microelectronic chips and method of manufacturing''; U.S. Patent No. 7,320,937 entitled ``Method of reliably electroless-plating integrated circuit die,'' and U.S. Patent No. 7,351,608 entitled ``Method of precisely aligning components in flexible integrated circuit module.''

The above-mentioned inventions are assigned to the United States Government as represented by the National Security Agency.

DATES: Anyone wishing to object to the grant of this license has fifteen (15) days from the date of this notice to file written objections along with any supporting evidence, if any.

ADDRESSES: Written objections are to be filed with the National Security Agency Technology Transfer Program, 9800 Savage Road, Suite 6541, Fort George G. Meade, MD 20755-6541.

FOR FURTHER INFORMATION CONTACT: Marian T. Roche, Director, Technology Transfer Program, 9800 Savage Road, Suite 6541, Fort George G. Meade, MD 20755-6541, telephone (443) 479-9569.

[[Page 42719]]

Dated: July 19, 2010.  
Mitchell S. Bryman,  
Alternate OSD Federal Register Liaison Officer, Department of Defense.  
[FR Doc. 2010-17967 Filed 7-21-10; 8:45 am]  
BILLING CODE 5001-06-P

[Federal Register: July 5, 2006 (Volume 71, Number 128)]  
[Notices]  
[Page 38144-38145]  
From the Federal Register Online via GPO Access [wais.access.gpo.gov]  
[DOCID:fr05jy06-41]

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DEPARTMENT OF DEFENSE

Department of the Navy

Notice of Intent To Grant Partially Exclusive Patent License;  
Elemental Wireless, LLC

AGENCY: Department of the Navy, DoD.

ACTION: Notice.

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SUMMARY: The Department of the Navy hereby gives notice of its intent to grant to Elemental Wireless, LLC, a revocable, nonassignable, partially exclusive license in the United States to practice the Government-Owned inventions described in U.S. Patent No. 5,062,083: PING ELONGATOR-MODULATOR FOR REALISTIC ECHO SYNTHESIS, issue date October 29, 1991.//U.S. Patent No. 5,073,784: TRANSMITTER LOCATION SYSTEM FOR FREQUENCIES BELOW Hf, issue date December 17, 1991.//U.S. Patent No. 5,264,693: MICROELECTRONIC PHOTOMULTIPLIER DEVICE WITH INTEGRATED CIRCUITRY, issue date November 23, 1993.//U.S. Patent No. 5,272,476: DATA ACQUISITION SYSTEM HAVING NOVEL, LOW POWER CIRCUIT FOR TIME- DIVISION- MULTIPLEXING SENSOR ARRAY SIGNALS, issue date December 21, 1993.//U.S. Patent No. 5,276,695: MULTIFREQUENCY, RAPIDLY SEQUENCED OR SIMULTANEOUS TUNABLE LASER, issue date January 4, 1994.//U.S. Patent No. 5,285,467: COMPACT, EFFICIENT, SCALABLE NEODYMIUM LASER CO-DOPED WITH ACTIVATOR IONS AND PUMPED BY VISIBLE LASER DIODES, issue date February 8, 1994.//U.S. Patent No. 5,306,904: MULTILAYER MICROELECTRONIC PHOTOMULTIPLIER DEVICE WITH A STACKED SERIES OF DYNODE AND INSULATING LAYERS, issue date April 26, 1994.//U.S. Patent No. 5,310,989: METHOD FOR LASER-ASSISTED ETCHING OF III-V AND II-VI SEMICONDUCTOR COMPOUNDS USING CHLOROFLUOROCARBON AMBIENTS, issue date May 10, 1994.//U.S. Patent No. 5,310,990: METHOD OF LASER PROCESSING FERROELECTRIC MATERIALS, issue date May 10, 1994.//U.S. Patent No. 5,341,463: SELECTIVE POLYGON MAP DISPLAY METHOD, issue date August 23, 1994.//U.S. Patent No. 5,475,802: SELECTIVE POLYGON MAP DISPLAY METHOD, issue date December 12, 1995.//U.S. Patent No. 5,648,940: PULSE CODED SONAR HAVING IMPROVED DOPPLER DETERMINATION FEATURE, issue date July 15, 1997.//U.S. Patent No. 5,736,950: SIGMA-DELTA MODULATOR WITH TUNABLE SIGNAL PASSBAND, issue date April 7, 1998.//U.S. Patent No. 5,737,347: LASER WITH MULTIPLE GAIN ELEMENTS, issue date April 7, 1998.//U.S. Patent No. 5,754,496: DETECTOR EMPLOYING LOGIC CIRCUITRY FOR THE SELECTIVE SCREENING OF SIGNALS (U), issue date May 19, 1998.//U.S. Patent No. 5,757,867: DIGITAL MIXING TO BASEBAND DECIMATION FILTER, issue date May 26, 1998.//U.S. Patent No. 5,760,722: DISTRIBUTED QUANTIZATION NOISE TRANSMISSION ZEROS IN CASCADED SIGMA-DELTA MODULATORS, issue date June 2, 1998.//U.S. Patent No. 5,764,677: LASER DIODE POWER COMBINER, issue date June 9, 1998.//U.S. Patent No. 5,789,961: NOISE- AND COUPLING-TUNED SIGNAL PROCESSOR WITH ARRAYS OF NONLINEAR DYNAMIC ELEMENTS, issue date August 4, 1998.//U.S. Patent No.

5,805,635: SECURE COMMUNICATION SYSTEM, issue date September 8, 1998.//  
U.S. Patent No. 5,892,765: SYSTEM AND METHOD FOR EFFECTUATING  
COMMUNICATIONS BETWEEN NETWORKS OPERATING ASYNCHRONOUSLY WITH RESPECT

[[Page 38145]]

TO ONE ANOTHER, issue date April 6, 1999.//U.S. Patent No. 6,008,642:  
STOCHASTIC RESONANCE DETECTOR FOR WEAK SIGNALS, issue date December 28,  
1999.//U.S. Patent No. 6,040,801: LOW DUTY CYCLE NAVIGATION SYSTEM,  
issue date March 21, 2000.//U.S. Patent No. 6,052,100: COMPUTER  
CONTROLLED THREE-DIMENSIONAL VOLUMETRIC DISPLAY, issue date April 18,  
2000.//U.S. Patent No. 6,061,821: CONTEXT BASED ERROR DETECTION AND  
CORRECTION FOR BINARY ENCODED TEXT MESSAGES, issue date May 9, 2000.//  
U.S. Patent No. 6,067,448: SYSTEM AND METHOD FOR ISOLATING RADIO  
FREQUENCY SIGNALS, issue date May 23, 2000.//U.S. Patent No. 6,133,865:  
Cw CONVERTER CIRCUIT, issue date October 17, 2000.//U.S. Patent No.  
6,137,609: OVER-THE-HORIZON OPTICAL COMMUNICATIONS TRANSCEIVER, issue  
date October 24, 2000.//U.S. Patent No. 6,138,572: THREE-BEAM PASSIVE  
INFRARED GUIDED MISSILE FUSE (U), issue date October 31, 2000.//U.S.  
Patent No. 6,166,680: RANGE DEPENDENT TIME DELAY TARGET DETECTING  
DEVICE, issue date December 26, 2000.//U.S. Patent No. 6,177,913:  
VOLUMETRIC DISPLAY, issue date January 23, 2001.//U.S. Patent No.  
6,198,425: PULSE DOPPLER TARGET DETECTING DEVICE, issue date March 6,  
2001.//U.S. Patent No. 6,229,847: SIGNAL QUALITY MEASUREMENT DEVICE,  
issue date May 8, 2001.//U.S. Patent No. 6,232,931: OPTO-ELECTRONICALLY  
CONTROLLED FREQUENCY SELECTIVE SURFACE, issue date May 15, 2001.//U.S.  
Patent No. 6,342,866: WIDEBAND ANTENNA SYSTEM, issue date January 29,  
2002.//U.S. Patent No. 6,395,435: PHOTO-LITHOGRAPHIC MASK HAVING TOTAL  
INTERNAL REFLECTIVE SURFACES, issue date May 28, 2002.//U.S. Patent No.  
6,404,038: COMPLEMENTARY VERTICAL BIPOLAR JUNCTION TRANSISTORS  
FABRICATED OF SILICON- ON-SAPPHIRE UTILIZING WIDE BASE Pnp TRANSISTORS,  
issue date June 11, 2002.//U.S. Patent No. 6,414,305: AUTOMATED SYSTEM  
FOR DETERMINING MINIMUM RESOLVABLE TEMPERATURE DIFFERENCES, issue date  
July 2, 2002.//U.S. Patent No. 6,437,890: LASER COMMUNICATIONS LINK,  
issue date August 20, 2002.//U.S. Patent No. 6,448,941: METHOD FOR  
SECURE COMMUNICATIONS USING SPIRAL ANTENNAS, issue date September 10,  
2002.//U.S. Patent No. 6,459,745: FREQUENCY/TIMING RECOVERY CIRCUIT FOR  
ORTHOGONAL FREQUENCY DIVISION MULTIPLEXED SIGNALS, issue date October  
1, 2002.//U.S. Patent No. 6,466,184: THREE DIMENSIONAL VOLUMETRIC  
DISPLAY, issue date October 15, 2002.//U.S. Patent No. 6,507,252: HIGH  
REJECTION EVANESCENT MIC MULTIPLEXERS FOR MULTIFUNCTIONAL SYSTEMS,  
issue date January 14, 2003.//U.S. Patent No. 6,525,325 SYSTEM FOR  
QUANTIFYING THE HYDROCARBON CONTENT OF AQUEOUS MEDIA, issue date  
February 25, 2003.//U.S. Patent No. 6,549,560: COMB LIMITER COMBINER  
FOR FREQUENCY-HOPPED COMMUNICATIONS, issue date April 15, 2003.//U.S.  
Patent No. 6,584,300: OBJECT-ORIENTED SYSTEM FOR SIMULATING SONAR  
TARGET ACOUSTIC SCATTERING, issue date June 24, 2003.//U.S. Patent No.  
6,619,866: DYNAMIC RANGE EXTENDED FOR OPTICAL TRANSMITTERS, issue date  
September 16, 2003.//U.S. Patent No. 6,622,092: PREDICTOR FOR OPTIMAL  
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date October 25, 2005.

DATES: Anyone wishing to object to the grant of this license must file  
written objections along with supporting evidence, if any, not later  
than July 20, 2006.

ADDRESSES: Written objections are to be filed with the Office of  
Research and Technology Applications, Space and Naval Warfare Systems  
Center, Code 2112, 83570 Silvergate Ave., Room 2306, San Diego, CA  
92152-5048.

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(Authority: 35 U.S.C. 207, 37 CFR part 404.)

Dated: June 22, 2006.

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