



► Education

Access

Advocacy

Why should we support inventors and innovation?

Because they are the driving force of our economy!

Quad Cane

- Carl Oja
 - **►**Inventor
 - Entrepreneur
 - ►MIC volunteer



Are you an entrepreneur or do you just want to license your idea?

Objective

THE <u>most important</u> investment an aspiring inventor can make is to become educated in the product development process.

Or to say it another way:

the most common mistake an aspiring inventor can make is to just wing it and hope they make the right decisions.

Key Steps to get your product to the Marketplace!

- Learn how to identify KEY resources
- INVEST your time and money wisely
- On WHAT is Absolutely Necessary to Succeed

The 2nd most important piece of advice is to:

Plan for early and low cost failure

Objective Today:

- ▶ Know that this an overview of the process.
- ► Learn the key steps successful inventors use to get their marketable products into the marketplace.
- Identify and validate the key resources that you will need!
- Spot invention promotion scam companies!
- Invest your time and money on what is Absolutely Necessary to Succeed!

Your Objective Today:

► That if you walk away from this overwhelmed, filled with anxiety, and you discover this is more than you can or want to get involved with --- that I have helped you avoid tapping into your retirement fund or taking out a second mortgage on your home without knowing the risks, I have done my job. Likewise, if you feel that you are willing to make the effort to learn how to do it right - then you will at least be aiming to be spending your time and money knowing some of the risks.

Favorite Gerald Udell comments:

- ► All ideas deserve to exist but not all ideas will make it into the marketplace.
- Ideas are not created equal.
- Business is the exchange of value between at least two people.
- You build on those ideas that deserve to be in the marketplace and have value.
- Learn the steps before you take the leap.

Mark Lake, PhD

► The Inventor's Puzzle

Deciphering the Business of Product Innovation

Remember, necessity is the Mother of Invention, but GREED is its father!*

Don't let your Fear, Greed & Ego get in the way of making good business decisions!

*Authorized use of excerpt from his book. April 2011.

Before you transact in dollars you must transact in words!

Using the Invention Development Checklist you will become familiar with the basic product development process!

Revised and reprinted with permission from Jenny C Servo, Ph. D., Dawnbreaker © 1991

If you think inventing is a way to get rich quick, that inventing is a quick income replacement for a job you've lost, or that you can make money with only an idea,

PLEASE STOP NOW!

AND.....

If you think there is a list of people waiting to pay you for your idea, SORRY.....

that list doesn't exist!

How many of you watch Shark Tank?

Basic information you need to know if you are not patent pending or have an issued patent before you make any type of public disclosure.

It is highly recommended that you seek appropriate legal and expert advice before taking any actions in the murky world of intellectual property. Nothing in this presentation should be construed as legal advice. Please do your research.

Read books like Patent it Yourself and bring the best client you can be to the first appointment with your patent attorney!

PHASE 1: Exploration

Step 1: Concept Development

- Inventors Notebook.
- Intellectual Property Basics.
- Determine the best forms for your product
- Read Read!! And then read some more.
- Evaluate your own time, money and drive.
- Are you solving a need?

Market - Product Developer

- Target market
 - Customer
- Competitors
- Differentiation

Dollars and Sense

- ➤ You need to have a good understanding of who your competition and customer are "Now it is possible to merge these pieces of information into a top-level market analysis that summarizes the business opportunity that you, and your prospective partners, are facing in dollars and sense common sense, that is!
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Contracted Employee

Employment - Are you a contracted employee?

- ▶ Did you sign a contract when you were hired?
 - ▶ You must know the answer to this question.

Business Plans

- One page business plan. Jim Horan
 - ► Vision Statement template:

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Within the next ____ years, grow
                (company) into a
successful $ (local,
regional, national, international)
                (type of company)
providing or specializing in
                      (products) to
              (target market
description.)
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- ► Step 2: Does it Already Exist
 - and why do I care?
 - Order catalogs, go shopping
 - ► Conduct a thorough patent search:
 - _ PTDL at least one in each state
 - www.uspto.gov
 - www.google.com/patents
 - -Hire a patent attorney or agent
 - ► Check with Thomas Register, Macraes Blue Book or Alibaba websites for manufacturers of similar products.

► Step 3: How to Fund Your Product Development

- Money is needed for Product Evaluation, Prototype, Provisional Patent Application, etc.
- Is there free money?
- Are there reliable resources?

3 F's - Early stage funding

- **F**amily
- Friends &
- Fools

- Step 4: Preliminary Product Evaluation
 - Conduct low-cost preliminary research by talking to potential customers (not family & friends) about their needs. Focus groups, store managers, etc.
 - Contact your local Small Business Development Center (SBDC) to see what preliminary market data they can provide.
 - Consider having a neutral product evaluation done on your idea.

Crowdfunding

How many of you have invested in a new product on Kickstarter, Indiegogo or GoFundMe?

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Developer of the PIES (Preliminary Innovation Evaluation System) format that is used in many product evaluation tools.

"As for predicting success, The explanation is simple. Potential shortcomings are typically fairly easy to identify at the early stages on the innovation process, even the idea stage. However, success is dependent upon a good idea and good management. Thus, good invention x good management = successful innovation.Note the relationship here is multiplicative, rather than additive. Thus a goose egg on either side of the equation produces another goose egg." April 2007

Step 5: Decision Point Should You Proceed

Things to consider, in order of importance

- * Is there a market interest?
- * Is a comparable product already on the market? How is it doing?
- * What were your product evaluation results?

* Do you have the financial resources to finance your product development?

* What is your motivation for this invention and what are your expectations?

PHASE 2: Cranking Up the Expenses (The Sorting Process Begins)

Liability, redesign, FDA, UL, schematics, etc.

Step 6: Prototype Development

- Final product vs. working model
- Precision (when is that important)
- Final stage Collect bids
- Keep accurate records and receipts
- Materials list

Step 7: Intellectual Property Protection

Once you have completed modifications of your concept and are in the final stages of your prototype development, we strongly advise that you complete at least one of the following forms of protection.

- Review the difference between a Provisional and a Non-Provisional Patent Application.
- Obtain instructions and filing forms for intellectual property protection, read Patent it Yourself but don't!
- Determine your course of action

Is it a business asset that you need to acquire?

If don't know the answer to this question
it is too early for you to make that decision.

- Step 8: Decision Point-SHOULD YOU PROCEED
 - 1. License your invention
 - 2. Manufacture and sell the product yourself These are the two most popular options.
 - Evaluate your motivations and expectations.
 - Consider your strengths, weaknesses, resources and aspirations.

PHASE 3: Higher and Deeper

(HIGH CASUALTY ZONE)

Step 9: For Those Interested in Licensing: Market Research and Selling Yourself

- Avoid Invention Promotion Scam Companies!!

Step 10: For those of you with the entrepreneurial spirit:

Marketing & Production
Distribution/Fulfillment
Capital investments

This is a completely different route to take vs. licensing

Invention Promotion Companies

- ► Too good to be true
 - Examples
 - Slick sales pitches
 - Success ratio

Do your homework.

Contract language

Davison - Turning New Ideas, Inventions, and Patents into New P... http://www.davison.com/legal/aipa.html Our Experience Helpful Hints Get Started Newsroom More About Us American Inventor's Protection Act of 1999 35 United States Code §297 You should read all of this information before proceeding. Davison complies with all regulatory codes. 35 United States Code §297 requires that specific information be provided to you prior to contracting for our services: Design does not offer evaluations of data enhances on the control potential territoria, the total number evaluated in the past few years a zero (0). The total number of positive evaluation in the past few years is zero (0). The total number of nu New Product Sample Agreement- Davison offers to professionally design and construct a product sample, graphics, packaging and presentation materials. While the fees for these ser upon the complexity, type and articipated design work and materials to be used in designing and constructing the invention, the fees typically range from several thousand dollars to fi Repackaging/refurbishment- For three hundred and thirty five dollars (\$335) we will create an additional set of graphics/packaging and refurbish/repair a product sample for a presen Davison Design and Development, Inc. was previously known as Davison & Associates, Inc., operating from the same address, 595 Alpha Drive, RIDC Park, Pittsburgh, PA 15238.

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Davison & Associates

- AFFIRMATIVE DISCLOSURE STATEMENT
- You should read all of this information carefully before proceeding.
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Numbers current as of July 30, 2012

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Percentage of income in royalties

-.001%

Minimum Sales in those 5 years

56,135.00 $\frac{X$695.00}{$39,013,825.00}$

Percentage of people who made more than they paid in

-.0002%

Keep at it! It's rare that customers beat a path to anyone's door.

It is not as easy as every inventor believes it is to take a product to the market.

It takes hard work and determination to give your invention the best chance of succeeding.

(Your Take Away)

Hopefully,
you have some new information
to help you understand the product
development process and now know that
you have some very important decisions to
make regarding the development
of your idea.

You know there is a lot of work ahead of you, and that people can achieve success when they combine a good invention with good management.

Local resources



Small Business Development Centers

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2018 Trade Shows

APRIL 24-26, 2018
HILTON SAN DIEGO
BAYFRONT



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MAY 8-10, 2018 LAS VEGAS NV



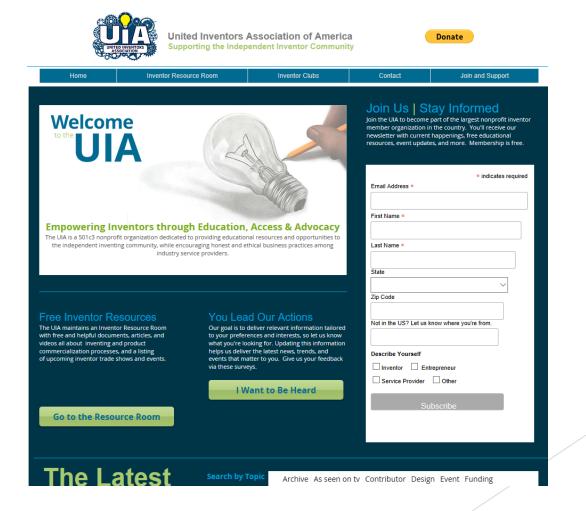
Thank you!

Deb Hess,
Operations Director
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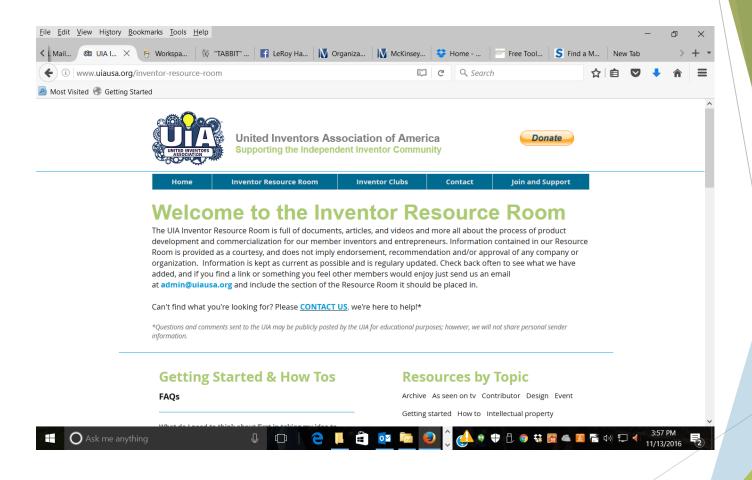


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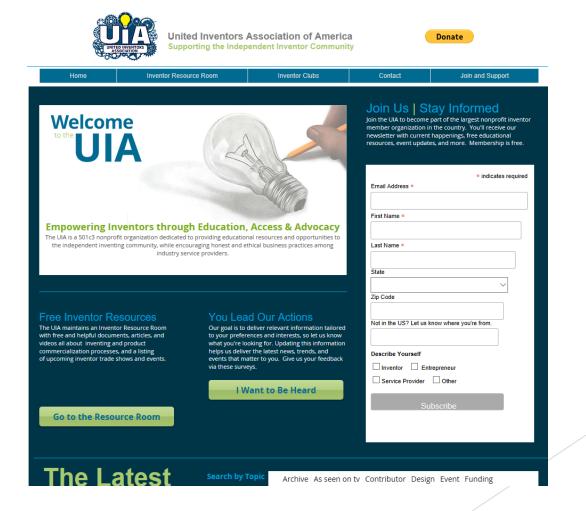
Thank you!

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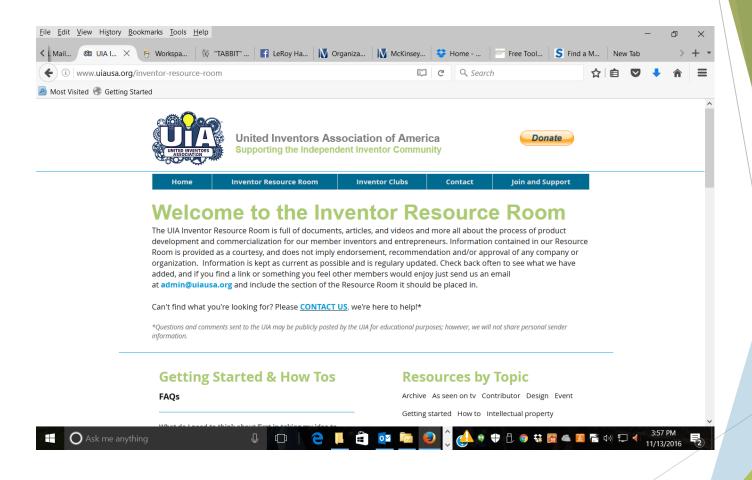


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