

South Carolina Inventors Forum

"Pausing and pivoting"



ISSUE #21

April 2022

Hello SCIF and all independent inventors and innovators chasing the American dream....

In my opinion, the best inventors' clubs are the not-for-profit ones with live meetings. We launched our np forum at the height of the pandemic and have, thanks to Tom Ledbetter and MTC, held 20 amazing contents but "2d" zoom meetings. But no more zoom, it's time to *pivot*.



Thanks as well to Dr. Thaddeus Jones <https://www.fanatikproductions.com/> for getting our excellent zoom meeting videos on our SCIF YouTube page!

<https://www.youtube.com/channel/UCN8kK5cOuL0wTgKjPl8TwKA>

It's time to get back to really motivating, connecting and networking local inventors to local service providers. We are going to pause and regroup our efforts to provide the most relevant working knowledge on how to commercialize new ideas and help to "make it in the Midlands!" to our local young inventors while still motivating, educating and networking all our communities most creative and entrepreneurial people.

When we restart this summer, it will be with a local inventors contest! Who do you know that is bringing a new product to market and has protected the idea with at least a PPA or better yet, a PCT and wants some publicity and chance at prize \$? Let's do this Columbia!!



- Lots of actual/live events that are great sources of information and resources for inventors are happening, see details inside.
- Amazing happenings in science and technology that will make incredible new inventions possible are happening, see below.
- Patent and IP issues are getting more and more into the news and politicians are taking sides. How this effects inventors needs to be understood before embarking on any new product venture, more explanations coming up!

Keep seeing the invisible, imagining the intangible and then accomplishing the impossible!
Here today to help y'all create a better tomorrow. - Adrian Pelkus, SCIF

Last month's SCIF topic was "**Video for Inventors and Startups**" – *How to show off your idea*

I invite you to watch [Dr. Thaddeus Jones](#) present "**10 tips for video making**"

This is a helpful video from March 2021 <https://youtu.be/p4gnl9ks4-U>

Go Fund Me has provided a handful of videos ranging from fundraising story tips and tricks, to how to share your fundraiser, and even stories from other successful organizers. You can see all the videos by [clicking here](#). I would also recommend the below videos as a good jumping off point for your needs:

[How to Create a GoFundMe](#)

[How to Write a Compelling Story](#)

[How GoFundMe Works](#)

[How to Withdraw Funds](#)

The Largest Design and Manufacturing Event in the Southeast

Medical Design & Manufacturing (MD&M) Trade Shows

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<https://www.imengineeringsouth.com/en/attend/expo.html>

JUNE 14-16 2022

Charlotte Convention Center

Charlotte, NC

"Why even get a US patent anymore?" asked one student that attended my UofSC talk February 14th. "Exactly my point" I replied. – Adrian

Get down to business...

THE WORLD'S LARGEST LICENSING TRADE SHOW
**EXPLORE THE WIDEST RANGE OF BRANDS
AVAILABLE TO LICENSE IN THE WORLD!**

LAS VEGAS LICENSING EXPO

Licensing Expo is the largest event dedicated to licensing and brand extension. Whether you are looking to spot trends, build partnerships, or secure brand rights for your products, Licensing Expo has your answer.

- Discover the widest range of brands available for licensing globally, from entertainment to non-profit
- Build connections with key decision makers, and secure meetings that could lead to your next successful product range
- Spot trends before they happen, and be inspired by thousands of branded consumer products on display

24 - 26 MAY 2022

Mandalay Bay Convention Center, Las Vegas

Free!

<https://registration.gesevent.com/survey/3302xsjq3rwy4>

**America's best design & contract manufacturing trade show is coming to Mohegan Sun Exposition Center April 20 & 21, 2022
Uncasville, CT**

Design-2-Part connects job shops and contract manufacturers with OEMs across all manufacturing industries.



Where else can you find this many different manufacturing categories for free in one place?

3D printing/Prototyping, Castings, Electronics/Assemblies, Plastics, Rubber, Plastics, Machining, Fabricating, Forming, and more...

<https://www.d2p.com/registration/>
<http://www.d2p.com/>

In science and technology news...

We are entering into the field of 'magnetophotonics,'

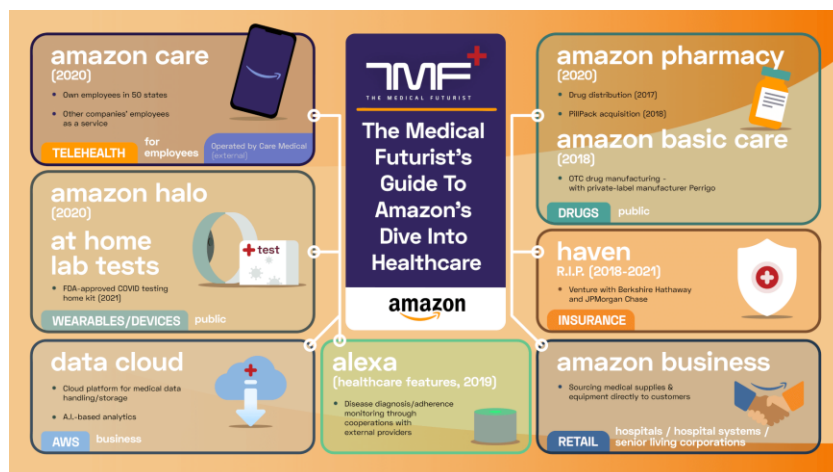
“A major research challenge in the field of nanotechnology is finding efficient ways to control light, an ability essential for high-resolution imaging, biosensors and cell phones. Because light is an electromagnetic wave that carries no charge itself, it is difficult to manipulate with voltage or an external magnetic field. To solve this challenge, engineers have found indirect ways to manipulate light using properties of the materials from which light reflects.”

“Deep Jariwala, Assistant Professor in Electrical and Systems Engineering, and colleagues have discovered a magnetic property in antiferromagnetic materials that allows for the manipulation of light on the nanoscale, and simultaneously links the semiconductor material to magnetism, a gap that scientists have been trying to bridge for decades. They described their findings in a recent study published in *Nature Photonics*.”

Direct Sound Printing, A Novel 3D Printing Method

"Demonstrating that it could be possible, for example, to harden and build a structure inside the human body while the 3D printer was outside of it. This could potentially be a completely new approach whereby, for example, you could inject a material and then locally print it into a defined structure without surgery."

Will Amazon become your healthcare provider?



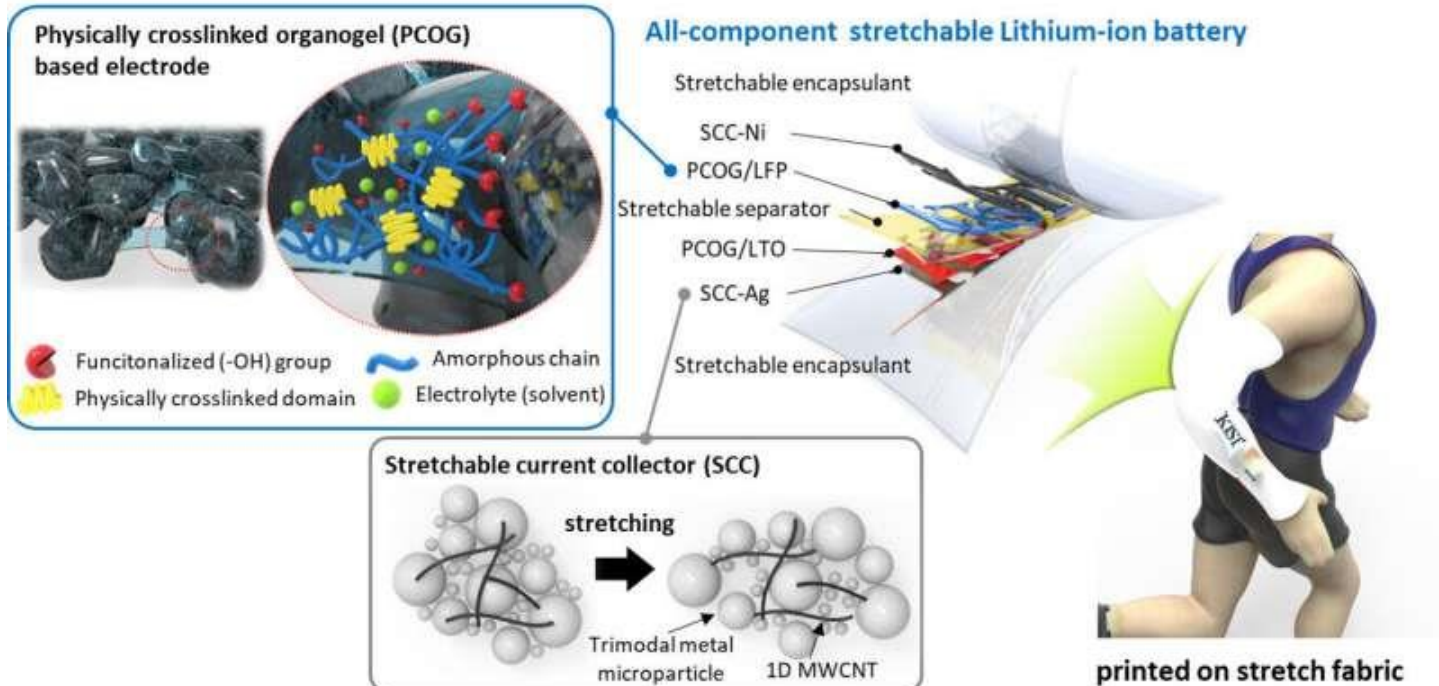
Development of stretchable and printable free-form lithium-ion batteries

“Owing to the rapidly increasing demand for high-performance wearable devices—such as smart bands, implantable electronic devices such as pace-makers, and soft wearable devices for use in the realistic metaverse—the development of a battery that is soft and stretchable like the human skin and organs has been attracting interest.

Korea Institute of Science and Technology (KIST; President: Seok-Jin Yoon), announced that they had developed a lithium battery wherein all of the materials, including the anode, cathode, current collector, electrolytes, and encapsulant, are stretchable and printable.

The lithium battery developed by the team possesses high capacity and free-form characteristics suitable for mechanical.

Moreover, the research team directly printed the electrode and current collector materials which they had developed on either side of an arm warmer made of spandex and applied a stretchable encapsulant to the material, demonstrating the ability to **print a stretchable high-voltage organic battery directly on clothing**. Using the resulting battery, the research team was able to continuously power a smart watch even when it was being put on, taken off, or stretched.”



“I’d rather have questions that cant be answered than answers that cant be questioned” – *Richard Feynman*

USI update...

"We are working hard to gain more supporters for HR 5874, The Restoring America's Leadership in Innovation Act.

So far, we have 19 Representatives and Candidates that are supporting US Startups and Inventors. We have an extensive list of more representatives that are willing to co-sponsor HR 5874. What would help drive their decision is you.

We need all-hands-on-deck to get this legislation passed. Click below to find out how to contact and add your representative and candidates to the list. This legislation is imperative to level the playing field for startups and inventors!"

More information here: <https://usinventor.org/massie-innovation-act/>
See how you can add your Representative to the list
here: <https://usinventor.org/midterm-outreach/>



Thomas Massie ✓ @RepThomas... · 12m ...

Thank you to @RepTiffany for cosponsoring HR 5874, the Restoring America's Leadership in Innovation Act of 2021 (RALIA) legislation. RALIA reverses several harmful changes to patent law that arose from Supreme Court rulings and the enacted Leahy-Smith "America Invents Act."



File your IP outside the USA, get 30 months and be able to get protection worldwide.

https://www.wipo.int/export/sites/www/pct/en/forms/request/ed_request.pdf

How it feels to be an independent American Inventor



Everyone in this photo a couple years ago agreed that inventors' rights needed protecting and united. It was a historic event and moment for the USA. These were most of the major invention organization leaders in the USA from coast to coast. We have since all heard from inventors that are throwing in their towels, infuriated, and downright frightened that our issued patents are now such a huge liability.

Close your eyes and imagine a corrupt patent system where thousands of inventors issued patents are invalidated case by case using 3 various appointed judges with little or no technical knowledge related to your invention and, without a jury, calls your life work and unique teachings "obvious" in minutes, second guessing years of its own expert's work.

Imagine a SCOTUS that rules your brainchild IP is no longer your property, it now belongs to the public.

Imagine a patent system that protects infringers by not allowing injunctive relief and instead spawns a practice called "efficient infringement".

Imagine a patent system that rewards a big corp for outproducing your startup.

Now open your eyes. This is the reality of the status of IP that today's independent inventor American entrepreneurs trying to commercialize new products face. The fear of invalidation and the infuriation from witnessing the destruction AIA passing has caused our fellow inventors is making inventors choose to abandon IP under development instead of being classified a NPE.

The lack of trust in the validity of a USPTO issued patent stops seed investment in the USA. It's going to China.

The ability to benefit from the labors of our inventive minds as our forefathers granted everyone in the constitution has been reduced in its likelihood to where some have stopped even trying.

Our entrepreneurial spirit to innovate is shattered.

Our US service veteran inventors who wanted to invent in the USA and are finding better protection/ ability to enforce is available from Chinese patents are devastated. Our countries "innovation economy" has been highjacked by mega interests sponsoring congresspeople to vote to protect their interests and restrict upcoming competition. THIS ALL HAS TO STOP!!

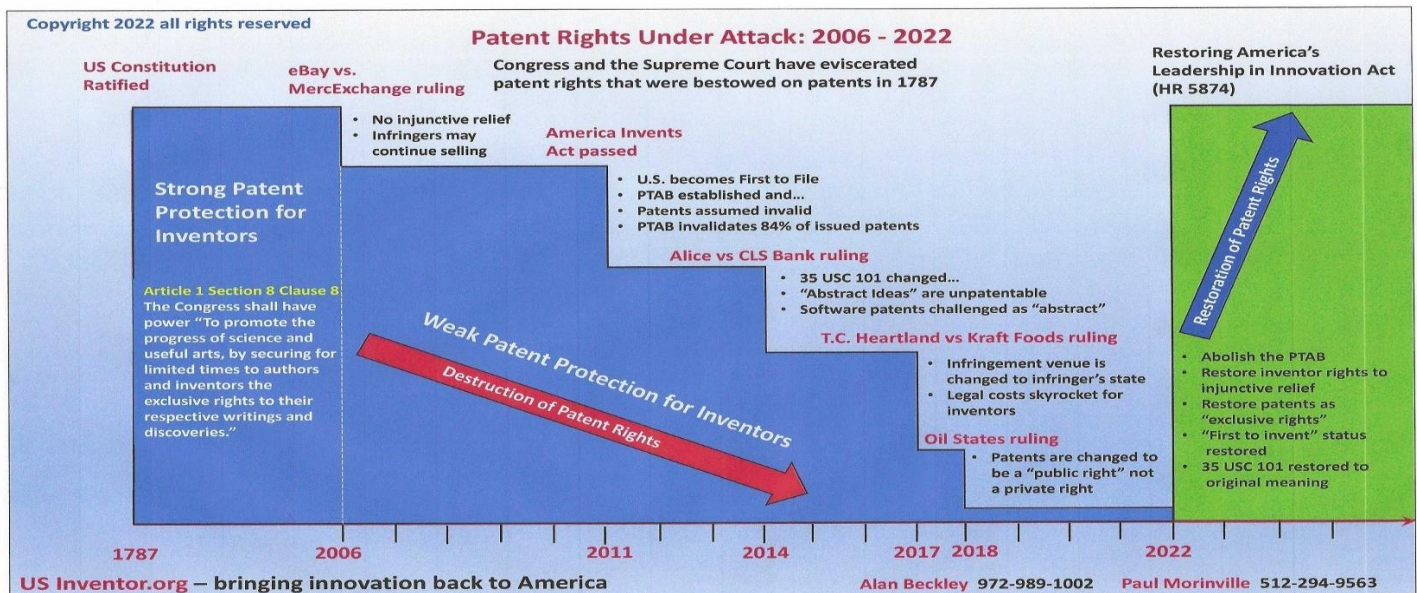
Until [#HR5874](#) passes and fixes all these innovation killing issues, we independent American [#inventors](#) [#boycott](#) the [#uspto](#) for [#patents](#) to [#endptabs](#) and [#stopinfringers](#). We will [#keeptradesecrets](#) and file [#pct](#) instead of wasting money on a USPTO issued document that is no longer trustworthy, no longer worth the paper it is written on. 🙌🇺🇸 -Adrian Pelkus

"You can still come up with something novel and get a patent. But if your invention is truly valuable, and you need to stop a large entity from just taking it, your patent does very little for you now. This is very different than what existed in America prior to Big Tech getting involved with changing our laws. This is the opposite of what created the incentive to invent that propelled America to the worldwide lead in innovation. This is the reason Big Tech has so little competition and China threatens to take the lead in key future technologies."

Just retired Judge Kathleen O'Malley from the US Court of Appeals for the Federal Circuit

Why are independent American inventors boycotting the USPTO for Patents and asking for HR5874 to pass???

This chart from USI sums it all up very well:



...to Save Americas future!

It has been critically important to the economic success of the United States to be a world leader in inventions and innovations in science and technology for our military, for our economy and for our health care.

We lost that Innovation Economy lead to China in 2019.

We are a country committing intellectual suicide.

The A.I.A (that mega corporations lobbied congress to pass in 2011) has corrupt the US patent system into a tool that invalidates independent American inventors issued patented ideas, closes our businesses and destroys independent American inventor's incentives to build or create new things.

The consequences will lead to Chinese domination and our countries certain demise.

Restore inventor's rights and incentives.

Pass [#HR5874](#)

**Tell your congressman or woman to sponsor and support [HR5874](#)
Ask them to make it a campaign issue!!!!**

*Here is the letter I sent my local congressman last month asking them to take a stance on inventor's rights. **Remember, 1 phone call is worth 100 emails!***

Dear Congressman Wilson,

Please consider adding this important issue, statement and action to y'all's agenda for this year (as are other congressional candidates in the USA are right now) showing your support of American Startups, Inventors & Innovation in America:

Statement In Support of Startups & Inventors – Innovation in America

Startups and inventors produce new innovative products that grow the economy and create jobs for Americans.

Unfortunately, the America Invents Act of 2011 and 4 key Supreme Court rulings have decimated the previously strong patent rights our Founding Fathers included in our Constitution.

Startups are under attack by Big Tech and the Chinese using a non-judicial tribunal within the patent office, the PTAB. The PTAB has invalidated over 84% of duly issued patents brought before it.

I strongly support startups and independent inventors across America.

I support and will be a sponsor to the Thomas Massie's – Restoring America's Leadership in Innovation Act – [HR5874](#).

HR5874 will eliminate the PTAB, restoring America to the pinnacle of global innovation once again.

A chart attached shows the decimation of the US patent system, [HR5874](#) stops the damage PTABs are causing. All of us entrepreneur inventors and inspiring creative entrepreneurial inventors and innovators here in SC will thank you and be sure to remember y'all's position on this issue with us when at the polls next year.

Have a blessed day 😊

Kind regards and thank you for your service,
Adrian

BIG TECH AND CHINA ARE DESTROYING AMERICAN INNOVATION



SITUATION:

BIG TECH BROKE THE US PATENT SYSTEM TO ELIMINATE DISRUPTIVE COMPETITION

CHINA USES WHAT BIG TECH CREATED TO INVALIDATE THE PATENTS OF AMERICANS AND TAKE OUR TECHNOLOGIES "LEGALLY"

AMERICAN INVENTORS AND STARTUPS ARE BEING SUFFOCATED IN THE CRIB

RESULT:

BIG TECH MONOPOLIES GROW WITH UNBRIDLED POWER DUE TO LOSS OF AMERICAN STARTUPS

INCREASING NATIONAL SECURITY THREAT FROM CHINA TAKING THE LEAD IN KEY FUTURE TECHNOLOGIES

THE LOSS OF AMERICA'S LEGENDARY INNOVATION ECOSYSTEM

THE LOSS OF A KEY PART OF THE "AMERICAN DREAM" THAT HAS MADE AMERICA SO DIFFERENT FROM THE REST OF THE WORLD

SOLUTION:

THE RESTORING AMERICA'S LEADERSHIP IN INNOVATION ACT (RALIA)



WWW.USINVENTOR.ORG

LET'S STOP CATERING TO BIG TECH AND CHINA AND TAKE BACK OUR COUNTRY!

US INVENTOR IS COMMITTED TO RESOLVING THIS CRISIS IN AMERICAN INNOVATION. JOIN US AT USINVENTOR.ORG!



<https://vimeo.com/640509179>

<https://usinventor.org/>

Tell your inventing entrepreneur story and get feedback on your IP protected idea at a local 1Million Cups meeting

It is a privilege to be associating with [1 Million Cups](https://www.1millioncups.com/) and I suggest all inventors follow suit and make friends with their local group to share their dreams and connect.

<https://www.1millioncups.com/>

ABOUT 1 MILLION CUPS

Based on the notion that entrepreneurs discover solutions and engage with their communities over a million cups of coffee, the **Ewing Marion Kauffman Foundation** developed 1 Million Cups in 2012—a free program designed to educate, engage and inspire entrepreneurs around the country. Through the power of volunteers, **1 Million Cups has grown to more than 160 communities.**

As a program of the Kauffman Foundation, 1 Million Cups works with entrepreneurs, empowering them with the tools and resources to break down barriers that stand in the way of starting and growing their businesses. Mr. Kauffman believed it was a fundamental right for anyone who had a big idea to be able to bring it to life—and we're here to fulfill that mission.

ABOUT THE KAUFFMAN FOUNDATION

Founded by Ewing Marion Kauffman, the Foundation is driven to provide uncommon ways to create opportunities and connect people to the tools they need to achieve success, change their futures and give back to their communities. **We believe that if you have an idea, you have a fundamental right to start a business to make it a reality.**

We also believe that opportunity lies in the fields of education and entrepreneurship.

Thanks for supporting the SCIF

SCIF is now setup to take donations!!

Thanks to Lexa Gandolfo for her fantastic work to set up a Donate page on our SCIF site! Check it out and thanks for y'all's support 😊

<https://southcarolinainventorsforum.org/donate>

SCIF involves you! Have inventing questions, here is where to get answers!

Thinking of any new products or services that may help in some way, shape or form make life easier? We share new ideas and motivating concepts almost daily on Facebook.

<https://www.facebook.com/groups/448388996120060/>

Help for inventors and innovators, creators all!

Tell your creative friends and invite them to join our group!

We discuss the most important things needed to bring ideas to life and create wealth.

Get all the Newsletters and Videos and more here!

<https://southcarolinainventorsforum.org/>

Sponsors & Inventor Stories welcome

SCIF Sponsors invited.

Supporting our vision to help people make new things, provide new services, build new businesses and create new jobs!

Platinum Sponsors - \$2500-On banner and introduced at contest, Speaker of the Month, post in newsletter, website, and on monthly Agenda

Gold - \$1000- Speaker of the Month, post in newsletter, website and monthly agenda

Silver - \$500 - post in newsletter, website and monthly Agenda

Bronze - \$100 - post in newsletter & website

SCIF welcomes stories about and by local inventors! We are calling for volunteers to help gather and write stories or folks to send theirs. Contact Adrian if you're interested.

Send us yours or Become an "Inventor of the Month"!
Time onstage (~10-30 minutes) to pitch your product and get feedback.
Help motivate other inventors, come tell your story!

[Contact Adrian if you're interested.](#)

We thank you for your support!

Non Profit Resources for Inventors

United Inventors Association is an Inventor Industry national membership foundation dedicated to inventor education and support



[Learn more...](#)

SCORE can help you start a new business or improve your present business. For more information about the SCORE South Carolina free small business counseling and the low-cost workshop series, call 803-765-5131 or visit their [website](#).

USPTO.gov

<https://scribblesc.com/about>

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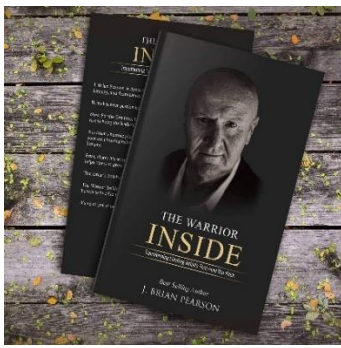


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Have an inventive day!
Adrian

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