So, you want to be an entrepreneur?

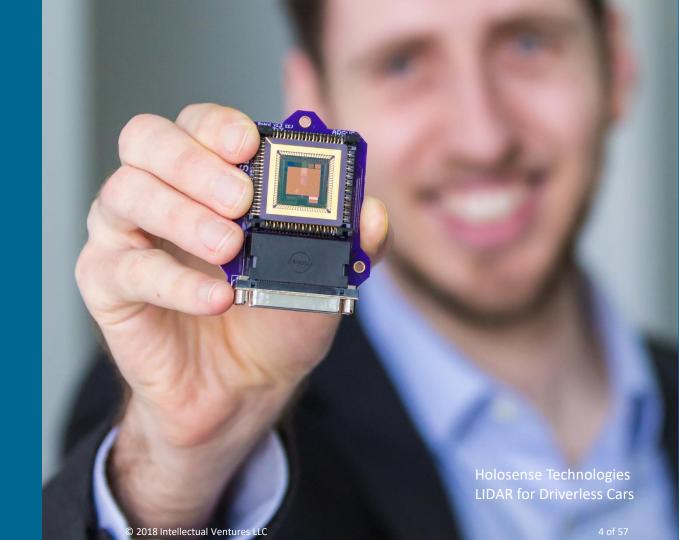
Conrad Burke BASF March 28th 2018

ABOUT ISF INCUBATOR

FROM INTELLECTUAL VENTURES



We also build startups



18 companies created to date

\$700 million

venture capital raised

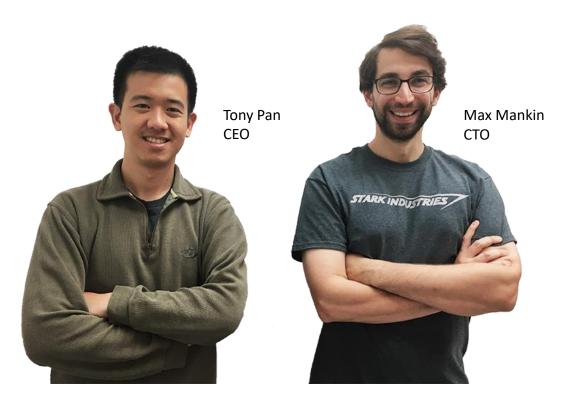
400

jobs created

Echodyne Corp.
Compact Radar System



We love ambitious disruptors



Modern Electron Energy Generation

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We've got labs

Over 80,000 sq.ft.

Electronics | Biology

3D-print | Photonics

Food-tech | Chemistry





Wide-ranging Security to medical



eQuility LLC
Mood Disorder Treatment

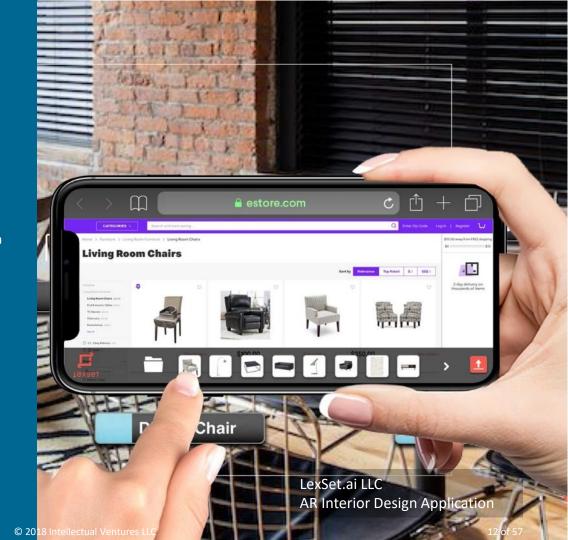


Space

EarthNow LLC, Satellite imaging and mapping Funded by Airbus, Softbank, Bill Gates

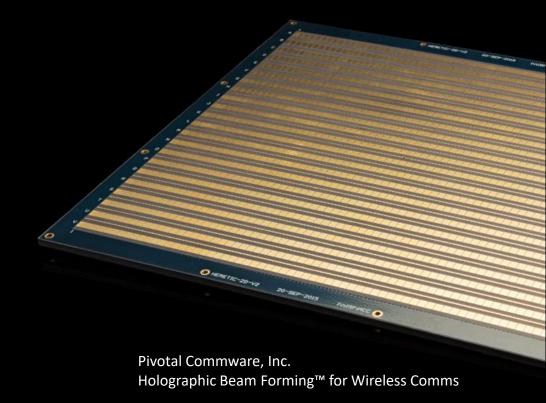
Spun-out from ISF Incubator in 2018

Speed is the advantage of a startup



Our interests are wide

Consumer commerce Food tech, culinary science **Therapeutic treatments Digital healthcare** Financial services, insurance Power, energy, IoT **Computer security Medical diagnostics Autonomous transport Public security**



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Engineering can be fun



Laser Tracking System to Identify and Shoot-down Female Mosquitos at Intellectual Ventures Laboratories

Where are today



So, you want to be an entrepreneur?

Truths about startups

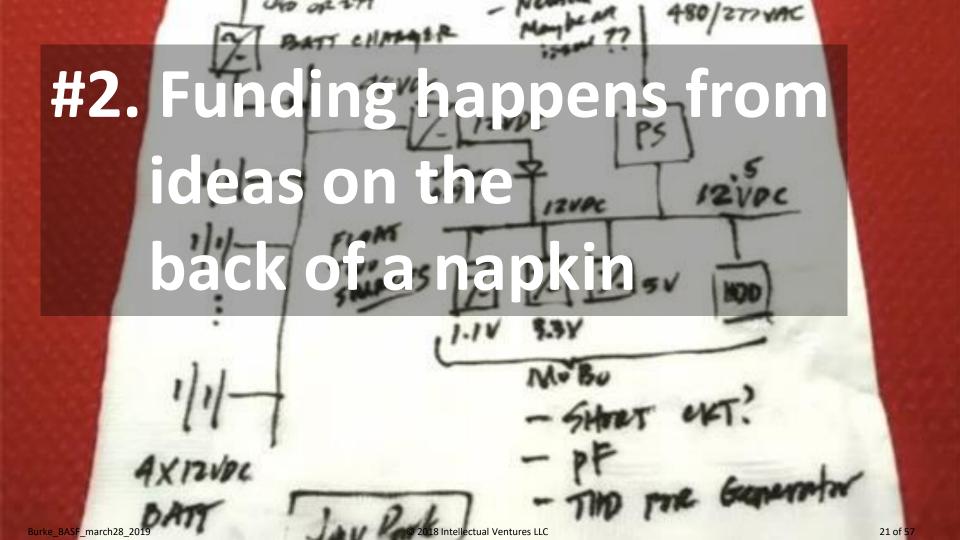
- You get a fulfilling array of awesome experiences
- You're in charge and make all the decisions
- There are many highs and lows
- You know everything that's going on (you should)
- You might make a lot of money for yourself (maybe, hopefully)

5 Common myths



Reality: it's very hard

- You need € € € to hire great people
- Office space, electricity, phone, email, labs, travel, insurance, food
- Sales and marketing, prototype development
- → Single most important job for CEO, founder is to make sure there is enough capital in the company



Reality: that's pretty rare

- You need a plan (a good one, a convincing one)
- Investors like big markets, and a believable story
- Most good investors have seen your idea already
- You need awesome people lined-up to join you
- You need to talk to lots of investors (maybe 100's)
- Did I mention, you need awesome people

#3. All you need is a good idea



#4. Your idea is so unique, it's never been seen before



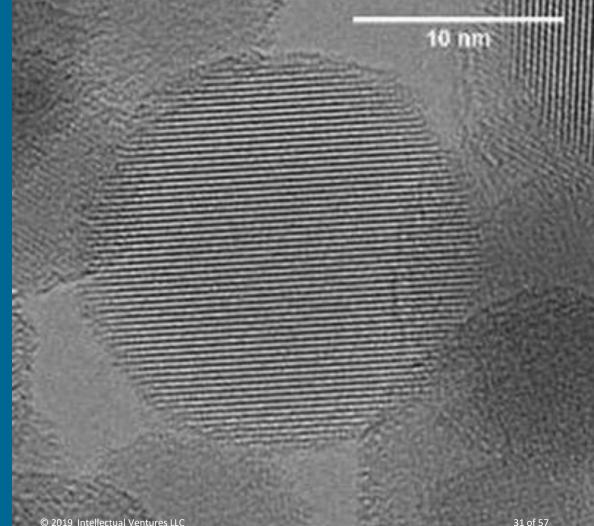
#5. Anyone can be an entrepreneur



My own story

First, the overnight success story version

2006: cool idea



2008: cool product



Materials matter when improving efficiency and lowering overall costs for PV.



Silicon inks boost the amount of electricity produced from sunlight, enabling the production of superior Selective Emitter solar cells.

2010: cool company



Cool exit



Innovalight acquired by DuPont in all-cash deal

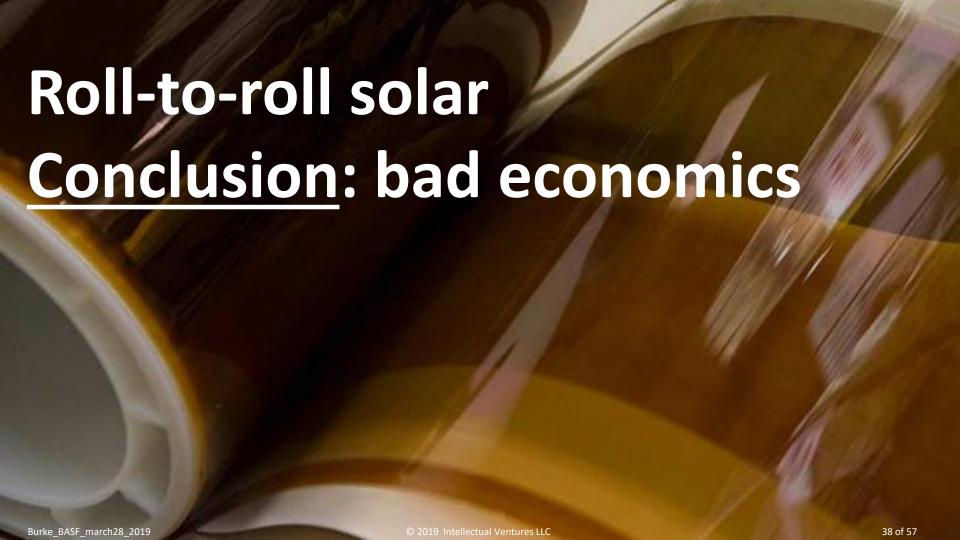
What it was really like

Cheap lightbulb idea Conclusion: bad physics



Startups are still awesome





It cannot get worse





This cannot be happening



The pivot

- A serendipitous meeting in Japan in 2008
- A rogue engineering idea
- A skeptical investor group and board
- An exploding China solar market
- Blockbuster intellectual property and knowhow
- Exploding sales, perfect timing, market traction

So, you want to be an entrepreneur?

The pattern we see often

Ponies and Rainbows



The challenges all too familiar

9 things to remember





#3 Plan









#7 Be a great manager







One more time...

- Hire great people (ones that are better than you)
- Don't ignore rapid competitive changes
- Be decisive, but don't be afraid to change (indecisiveness kills)
- Marketing is not an after-thought; it's everyday
- Being an entrepreneur is lonely; surround yourself with mentors

ISFincubator.com