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Understanding IP rights in a 5G-AI World

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Caveats



I am not an expert in AI

I am not a lawyer

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I am ...

**50% inventor, 50% Business Person and
100% IP guy!**

Inventors live in “interesting” times

“Transnational” age of cultures blending in ways that local laws can’t really capture

A booming population and increased demand on resources challenge our concepts of physical and intellectual property

Different cultures see IP differently - millennials vs. music, privacy rights, patents infringement, etc.

The internet makes it easy to copy and paste almost anonymously

Treaties and trade deals try to create a level playing field, chasing rights around the planet feels like collecting grains of sand off the beach

**IP in the age of 5G-AI means no walls, no barriers
to entry and total sharing ...**

The “Down with IP” View of the Future

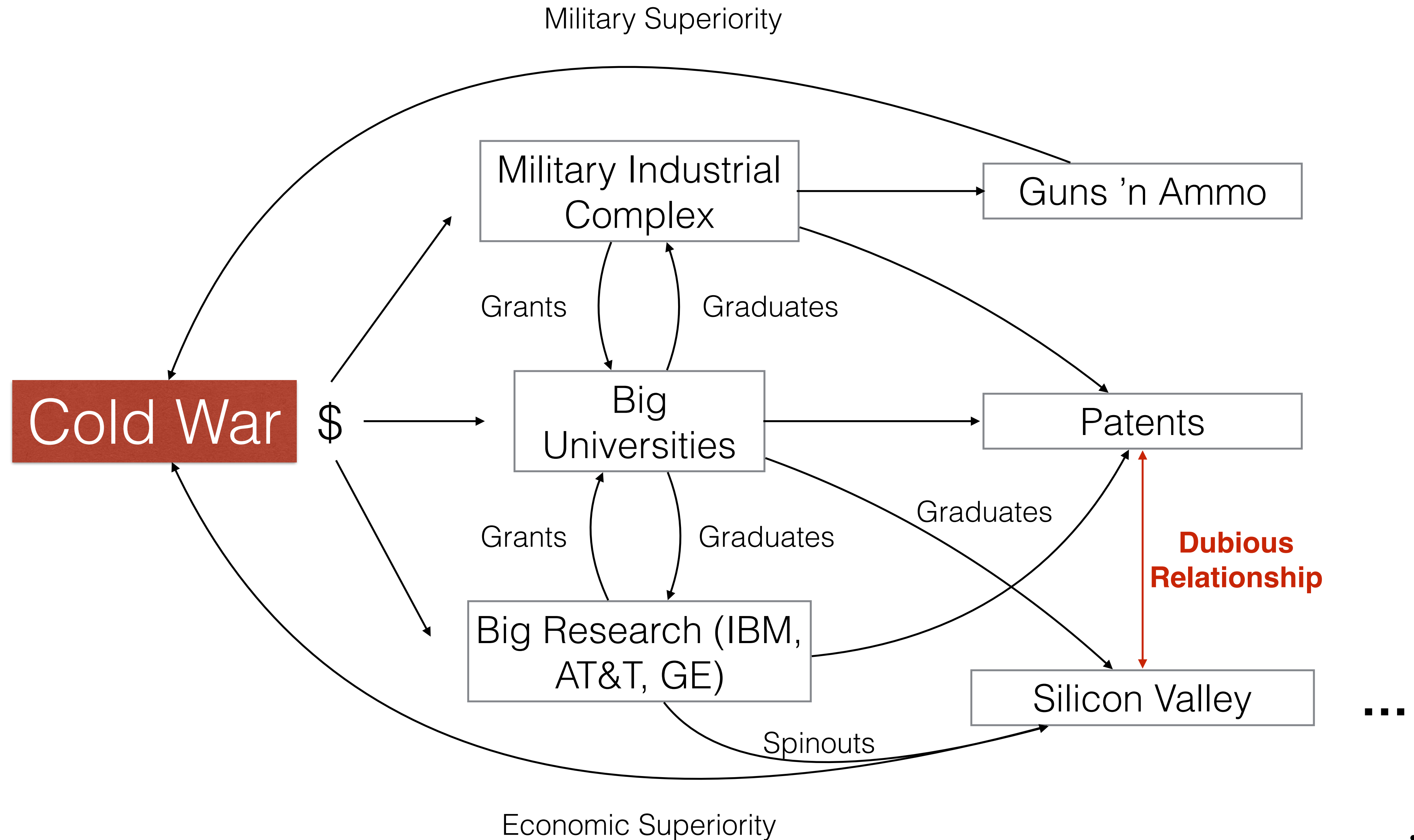
We live in an open test tube where we can share ideas at lightning speed

Innovation works differently on the Internet - we need to remove the stops and allow people to think and share and contribute

The patent system was developed for an age when patents were recipes for technology - the Internet allows us to communicate inventions differently

The innovation-monetization cycle is a lot faster and we don't need this archaic system

The Invention Machine c.1950-1996



The Invention Machine 1996++



The “its never been a better time” View of the Future

For the first time in history, we can collaborate and pool ideas in amazing ways, but we still need to tell inventors that the water's safe with a strong IP system

The barrier to entry for inventors in many fields is far lower than its been

We live in a society where more people than ever relate to abstract rights and changing concepts of ownership and exchange of value

There are new and creative ways to exchange licensing value beyond the classic licensor/licensee dichotomy (blockchains, sharing, etc)

Regardless...

**We must provide rights protections that adapt to different fields
(what's good for the IT goose, may not be good for the Pharma
gander)**

**Develop alternative modes of exchange of value - not just a
blockchain licensing hippie commune, but expand on ideas like
LOT, IP exchanges, horizontal cross licensing, "Son of RAND", etc.**

**Build IP literacy across society
(the music and film industry successfully educated consumers
about the value of copyrights, this needs to happen for patents)**

Back to AI

Should machines be able to write patents?

Can patent writing robots pass the "Turing Test" at the PTO?

Can we try patent litigation with machines?

Is the Google Search algorithm the Mother of all Prior Art Machines



Aside from yet another standard, yet another patent war, 5G is a red herring, but for spotlighting the demise of traditional standards initiatives

More bandwidth, ubiquitous connectivity, who cares?...

5G is a good thing (unless you own a satellite network) - will connect everyone on earth!

The real question here is “what’s happening with standards?”

Once upon a time, MPEG, GSM, etc. were where the magic happened - RAND licensing was a great way to level the field and help adoption

The web is based on standards, but the connected world can be self-standardizing, so how do we deal with licensing?

The Age of IP

Increased globalization and education have opened the door for the IP economy

Teach intellectual property as a business practice, not just as an area of law

Rekindle a love and respect of inventors and inventions in students of all ages

Develop respect for cross-cultural concepts of property ownership - not all societies are built on Cartesian abstraction

Reform and transform the system - develop new forms of IP and value exchange