

#### The Basic Framework and Initial Questions

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#### Roadmap:

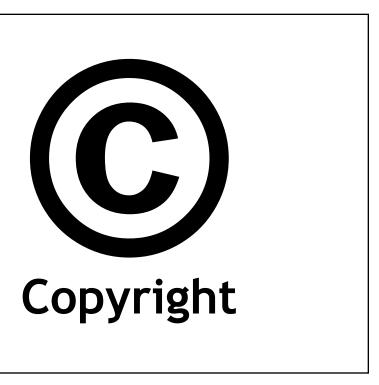
- What is intellectual property?
  - The kinds of IP
  - Comparisons
  - The label "intellectual property"
- Why is IP law necessary?
- How did IP law come to be?

# What is intellectual property?

# the kinds of IP

What is "intellectual property"?

Copyrights
Trademarks
Patents
Trade Secrets
Rights of Publicity





#### Copyright

- Books
- Poems
- Movies
- Computer software
- Photographs
- Paintings
- Sculptures

#### Copyright

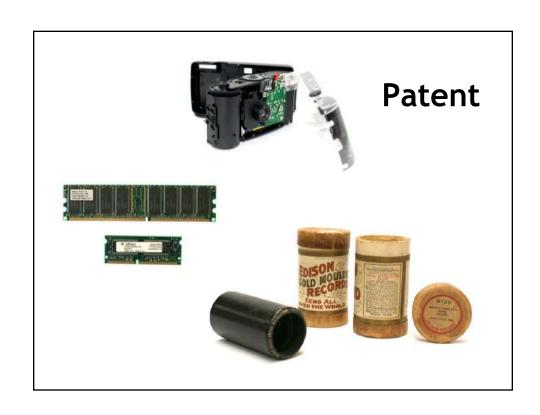
 original works of authorship fixed in any tangible medium of expression from which they can be perceived, either directly or with the aid of a machine

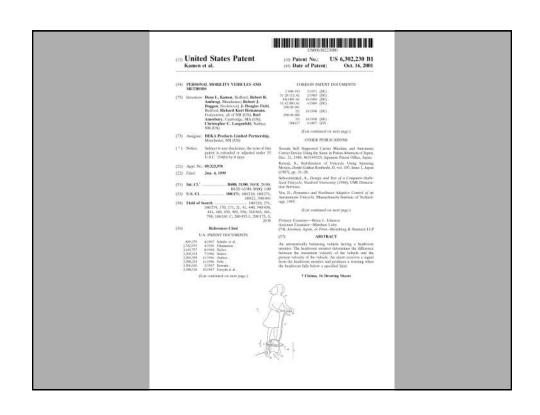
#### Copyright ©

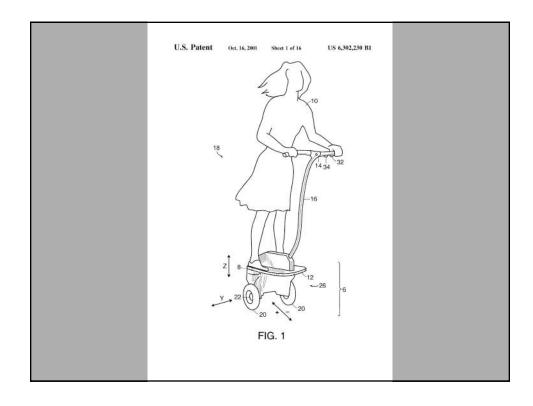
| Protects     | expression (text, images, recordings) fixed in a tangible medium |
|--------------|------------------------------------------------------------------|
| Requires     | a mere modicum of creativity                                     |
| Vests        | automatically upon creation                                      |
| Sustained by | [nothing]                                                        |
| Lasts        | lifetime + 70 years; or 95 years                                 |
| Theory       | incentive to create;<br>public goods problem                     |

PAT.

**Patent** 







# TECHNOLAL MARRIERT VIELES AND IECHNOLAL HOLDS THE PROFESSION AND STATES AND HOLDS AN

#### Patent PAT.

| Protects     | machines, inventions                                                                      |
|--------------|-------------------------------------------------------------------------------------------|
| Requires     | novelty, some level of cleverness (nonobviousness, inventive step), and some other things |
| Vests        | after application, upon issuance by government                                            |
| Sustained by | escalating maintenance fees                                                               |
| Lasts        | up to 20 years                                                                            |
| Theory       | incentive to invent and disclose; public goods problem                                    |

#### **Trade Secrets**



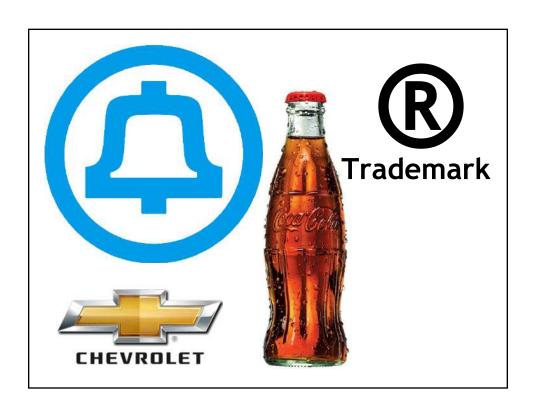
| Trade Secret |                                                                                                    |  |
|--------------|----------------------------------------------------------------------------------------------------|--|
| Protects     | formulas, recipes, manufacturing techniques, and other intangibles with independent economic value |  |
| Requires     | secrecy and reasonable efforts to keep secret                                                      |  |
| Vests        | automatically                                                                                      |  |
| Sustained by | continuing secrecy and efforts to keep secret                                                      |  |
| Lasts        | potentially forever                                                                                |  |
| Theory       | ????                                                                                               |  |

\_



## TM

**Trademark** 



### source

#### Trademark ® TM

| Protects     | names, logos, slogans, other indications of commercial source                                             |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Requires     | distinctiveness<br>(can identify a commercial source)                                                     |
| Vests        | common law: upon use federal: after use, upon registration                                                |
| Sustained by | continued use                                                                                             |
| Lasts        | as long as used, potentially forever                                                                      |
| Theory       | provides information to consumers, which helps the market function better, increasing economic efficiency |



#### Right of Publicity



#### **Right of Publicity**

| Protects     | name, voice, image,<br>other indicia of identity |
|--------------|--------------------------------------------------|
| Requires     | nothing; fame in a few jurisdictions             |
| Vests        | automatically                                    |
| Sustained by | [nothing]                                        |
| Lasts        | lifetime; post-mortem in some states             |
| Theory       | ????                                             |



# You

own intellectual property

### Comparisons

#### What is protected?

| ©                     | Expression (text, images, recordings) |
|-----------------------|---------------------------------------|
| Pat.                  | Inventions                            |
| ТМ                    | Indications of commercial source      |
| Trade<br>Secret       | Transferrable commercial secrets      |
| Right of<br>Publicity | Indications of personal identity      |

#### What does it take to get it?

| ©                     | Fixation (immediate)              |
|-----------------------|-----------------------------------|
| Pat.                  | Application, gov't review         |
| ТМ                    | Use in commerce, creating meaning |
| Trade<br>Secret       | Nothing                           |
| Right of<br>Publicity | Nothing (fame, some places)       |

#### What does it take to keep it?

| ©                     | Nothing                                                                               |
|-----------------------|---------------------------------------------------------------------------------------|
| Pat.                  | Payment of maintenance fees                                                           |
| ТМ                    | Continued use in business                                                             |
| Trade<br>Secret       | Keeping it secret (it stays secret and there are continued efforts to keep it secret) |
| Right of<br>Publicity | Nothing                                                                               |

#### How long does it last?

| ©                     | on the order of 100 years |
|-----------------------|---------------------------|
| Pat.                  | on the order of 20 years  |
| ТМ                    | forever (if used)         |
| Trade<br>Secret       | forever (if kept secret)  |
| Right of<br>Publicity | life + extra sometimes    |

#### How is it lost?

| ©                     | Very difficult                    |
|-----------------------|-----------------------------------|
| Pat.                  | Unpaid fees; successful challenge |
| ТМ                    | Failure to keep exclusive control |
| Trade<br>Secret       | The secret gets out               |
| Right of<br>Publicity | Very difficult (?)                |

#### Defenses include ...

| ©                     | Fair use, first-sale                      |
|-----------------------|-------------------------------------------|
| Pat.                  | Invalidity, first-sale                    |
| ТМ                    | Non-trademark uses, fair uses, first-sale |
| Trade<br>Secret       | Reverse engineering                       |
| Right of<br>Publicity | News, free speech, non-commercial         |

#### Remedies include ...

| ©                     | Injunctions; restitution (of D's wrongful gains); statutory damages up to \$150K per infringement |
|-----------------------|---------------------------------------------------------------------------------------------------|
| Pat.                  | Injunctions; royalties; treble damages                                                            |
| ТМ                    | Injunctions; punitive damages; treble damages                                                     |
| Trade<br>Secret       | Injunctions; restitution (of D's wrongful gains); punitive damages; royalties                     |
| Right of<br>Publicity | Injunctions; punitive damages                                                                     |

### the LABEL

What is "intellectual property"?

"intellectual property infringement"

"intelleggial property information in the second continuous and the se

What is "intellectual property"?

Is it "property"?

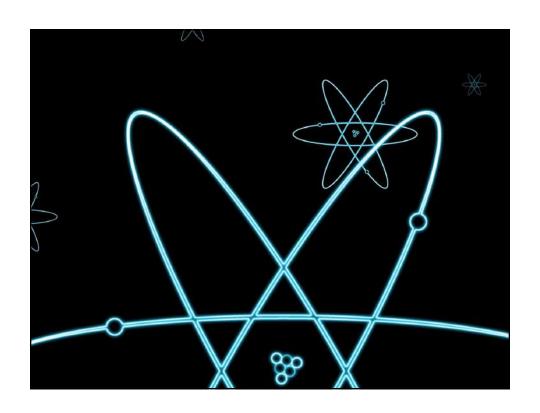
It depends on who you ask.

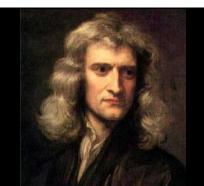
Is the right to receive government welfare property?

Is a professional license property?

Is a government pension property?

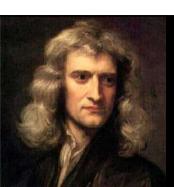
What's "intellectual" about it?





#### Newton's Third Law of Motion

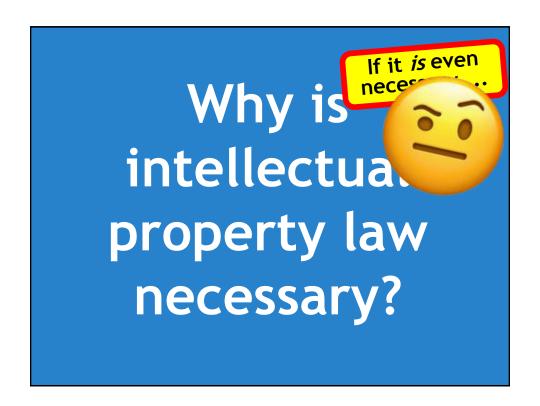
For every action, there is an equal and opposite reaction

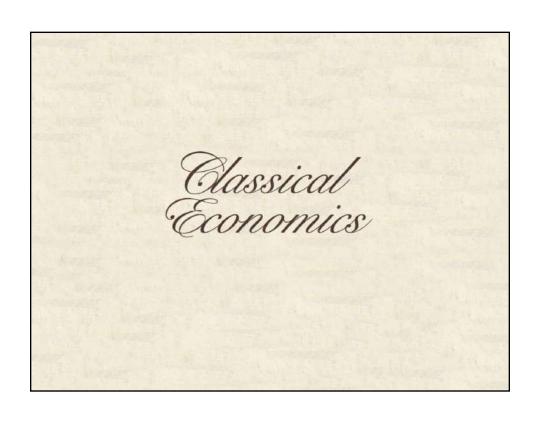


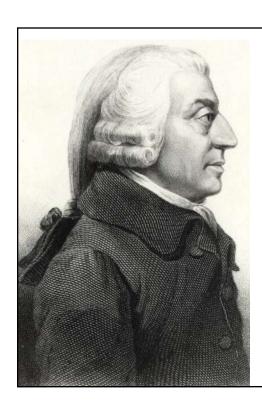
#### Newton's Third Law of IP

For every IP entitlement, there is an equal and opposite reduction in freedom.

# Why is intellectual property law necessary?





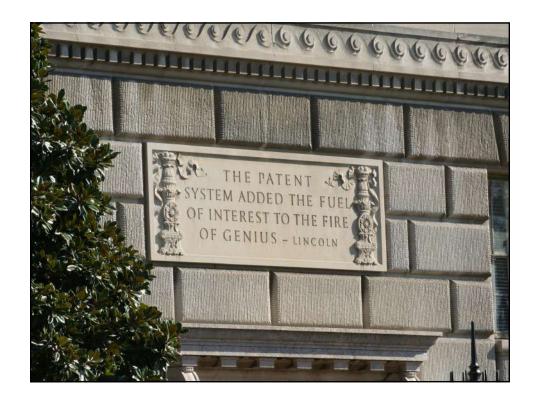


Adam Smith









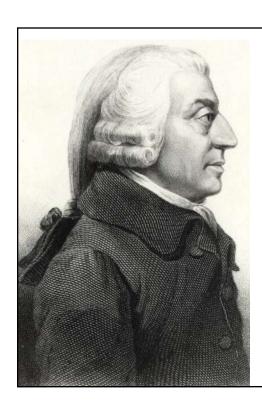
To promote the Progress of Science and useful Urls,
by severing for limited Times to Stathers and Inventors
the exclusive Right to their respective Writings and
Discoveries;

# How did intellectual property law come to be?









Adam Smith

To promote the Progress of Science and useful Arts,
by securing for limited Times to Suthers and Inventors
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#### raison d'être



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