

EE/CpE 423

Senior Design

Fall 2009

Class 4 – 9/22/09

Agenda

- Deliverables
- Time line
- Group Status
- IP discussion
- Other Senior Design logistics

Format For Email Attachments

- From Class 2 slides:

**The attached file name must indicate:
course number (423 or SD is sufficient),
group number (this will be supplied when group is formed),
due date (Monday's date), and
what the attachment is ("weekly report" or "effectiveness survey")
Failure to do so will probably result in uncredited submissions, which
might influence group's final grade**

- Some attachment names I have received:

SD_9-15-08_Group_Effectiveness.doc
Smith Week 1.doc
weekly_report_week1.doc
Group_effectiveness_survey_JoeSmith_15Sept08.doc
Group_effectiveness_survey.doc
20080915_weekly_report_ee.doc

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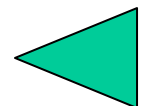
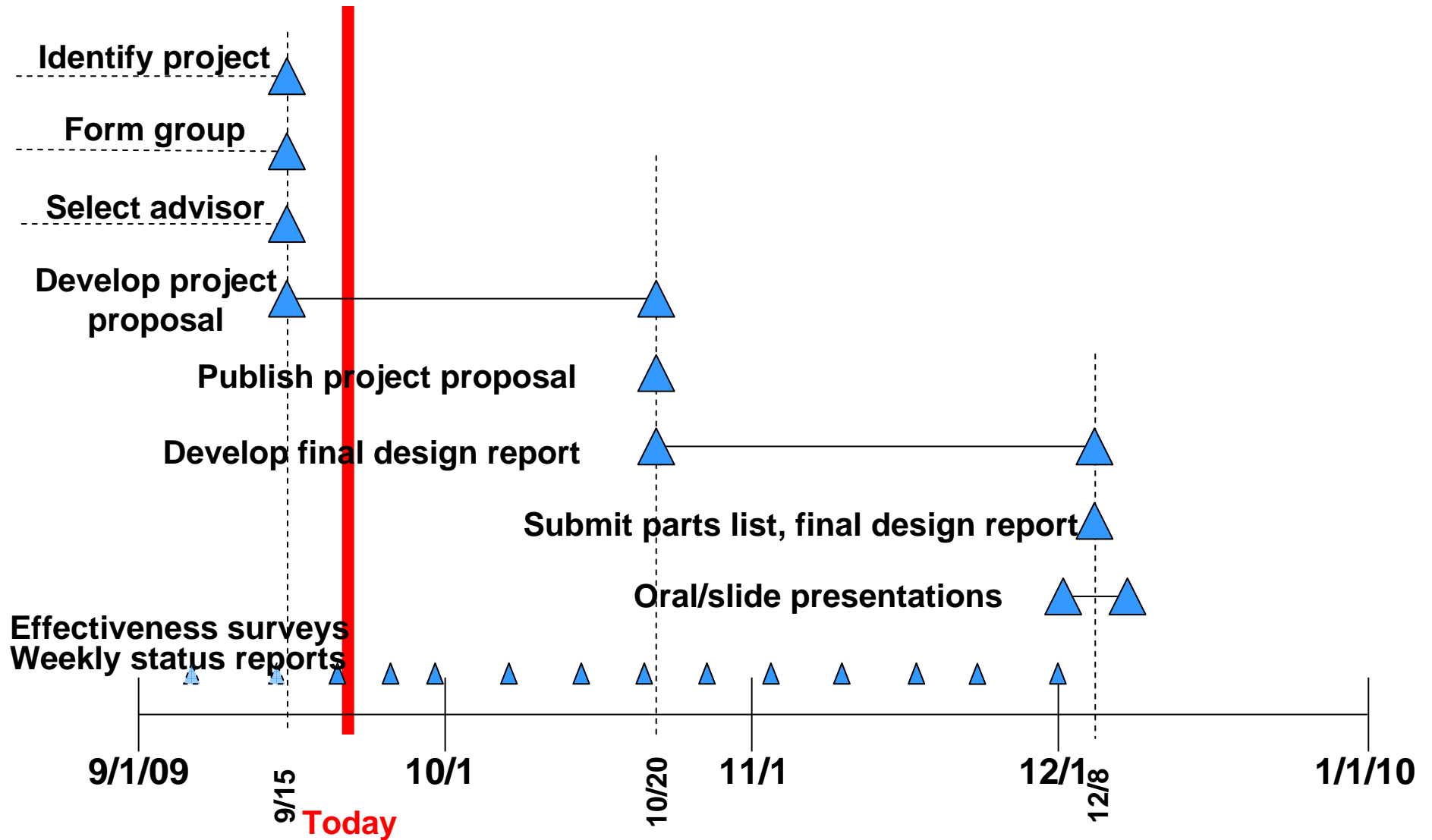
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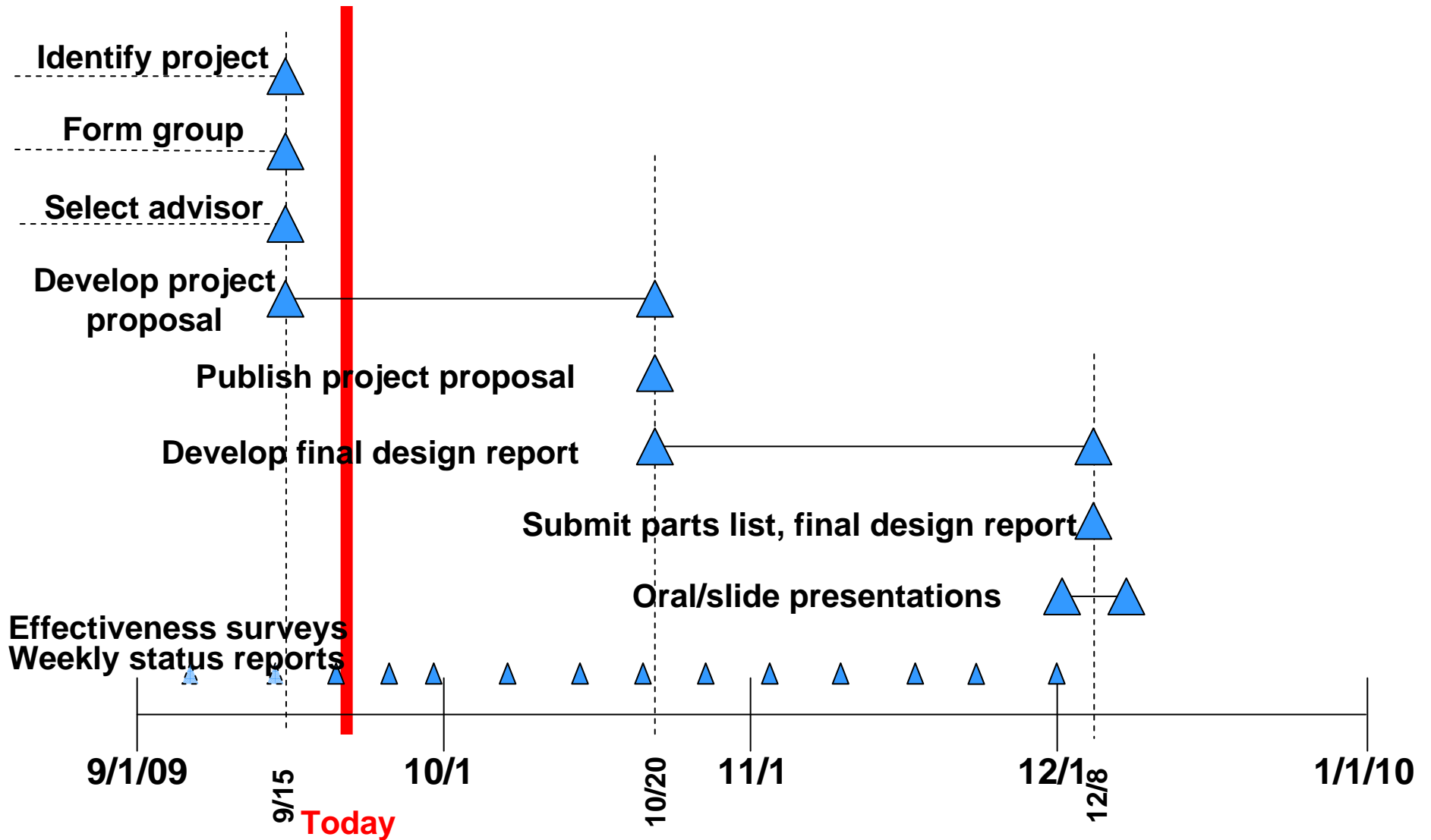
SD_9-17-07_Group_Effectiveness.doc
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weekly_report_week1.doc
Group_effectiveness_survey_JoeSmith_17Sept07.doc
Group_effectiveness_survey.doc
20070915_weekly_report_ee.doc

If Mary Schurgot doesn't receive a copy of your submission, the probability of your receiving credit for it is approximately 0.0

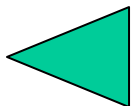
Senior Design Tasks – Fall '09



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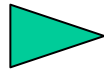
Senior Design Expo is 218 days away



Project Status

As of 1pm September 22:

- 16 groups have formed (expect ~2 more)
- 58 students are in groups (7 more to form groups)



Now that you have the greatest project idea ...

- How do you protect it?

Patents, Copyrights, Trade Secrets, Intellectual Property, and Technical Business Ethics

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 - Describes a process, method, apparatus to perform a function that is:
 - Useful – it must **do** something
 - Novel – no one may have described it before
 - Non-obvious to “a person of ordinary skill in the art” – *“I could have thought of that!”*
 - 20 year protection from filing of idea with US PTO
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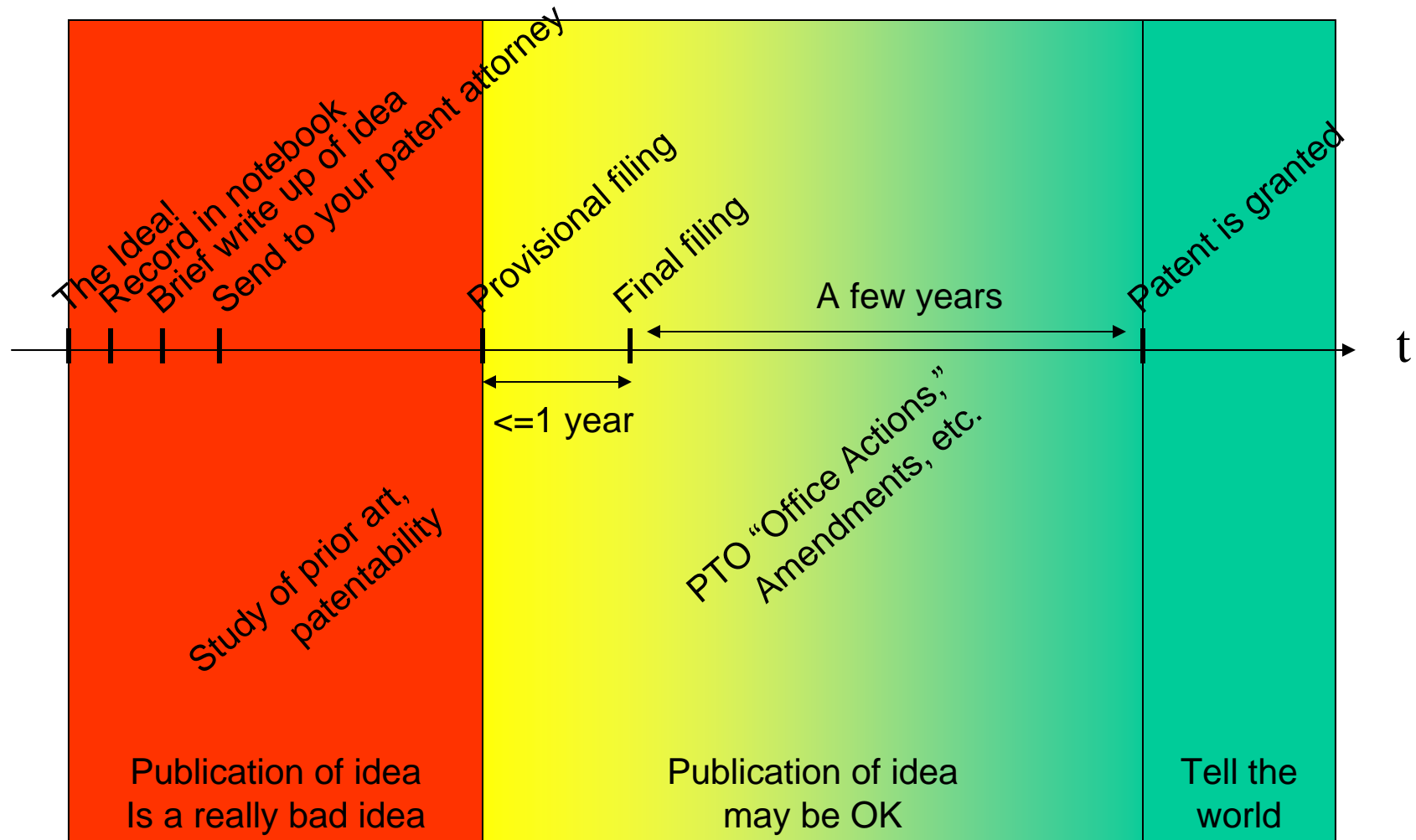
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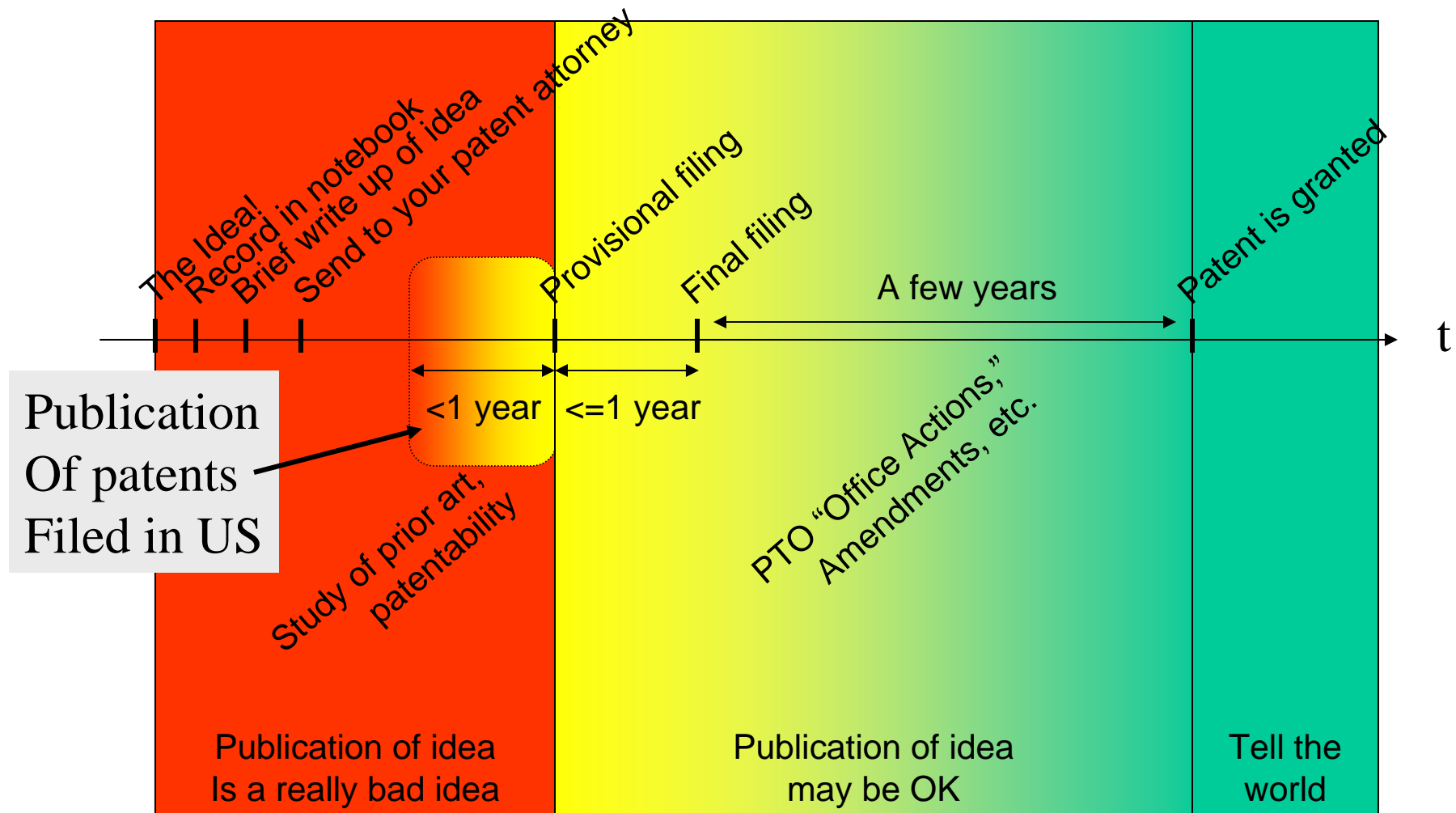
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Patent Process



Patent Process

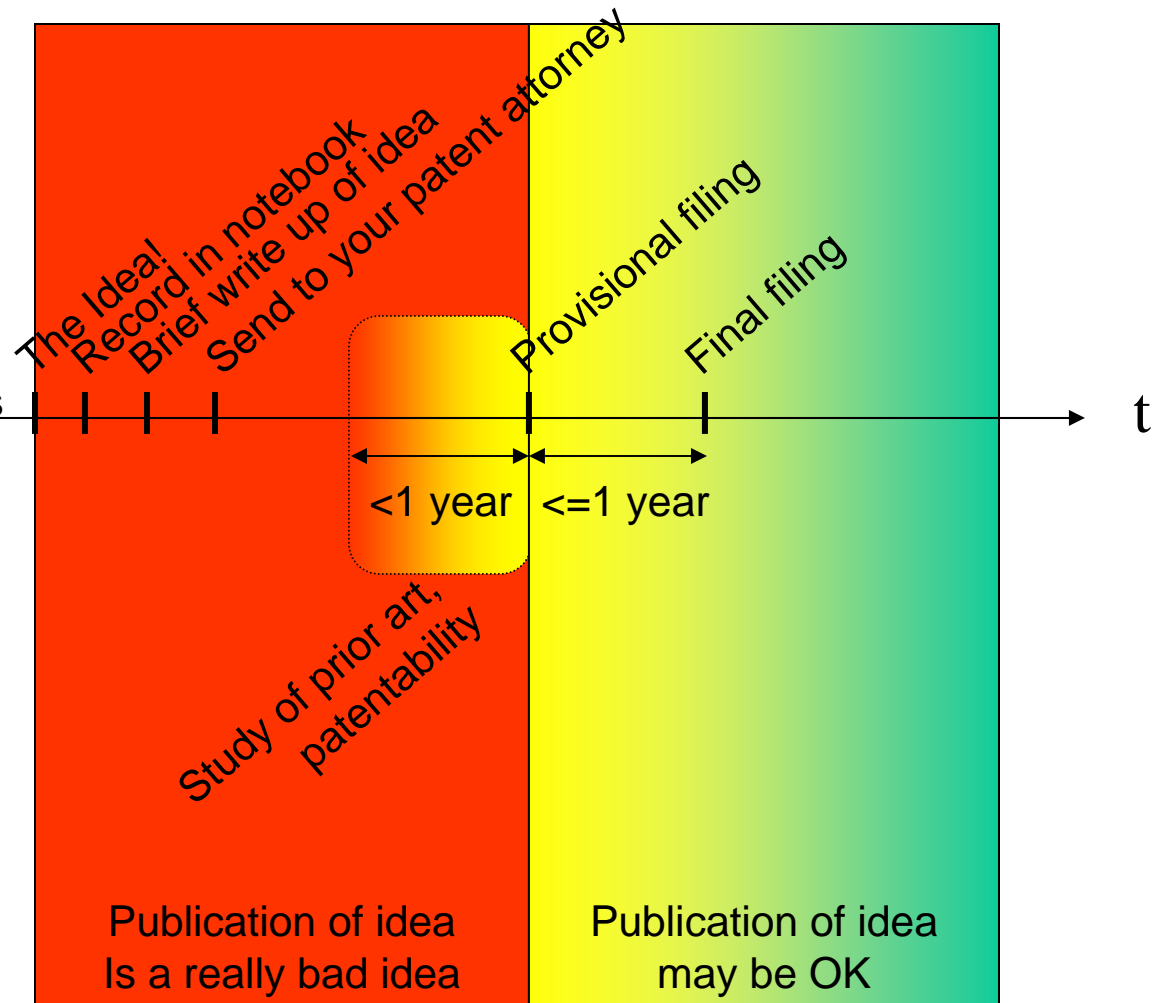


Patent Process

- Implications for Senior Design

- What constitutes “publication?”

- Web site
- Class presentation
- **Unrestricted** discussion with **anyone** other than co-inventors, attorney
- Distribution of written materials about idea



Protecting IP

- Employee Confidentiality Agreements:
 - “We will sue you if you talk”
- Non-Compete Agreements
 - “What you learned here stays here” – pre-nuptials for the workers
- IP Assignment Agreements:
 - “We own your every waking thought. Maybe your dreams, too”
- Non-Disclosure Agreements (NDA):
 - “Forget what we told you when you leave the building”

Other things you should start thinking about

- Project web site
 - Get it up and working soon so you can refine it later when it will be graded.
 - Must include all group deliverables (but NOT group effectiveness reports)
 - Research and other information links
 - All content must be on tiger.ece.stevens-tech.edu
 - Each group will have a login on tiger in the form “grp39”
 - If you are developing or hosting at another site, the **other** site must mirror tiger content (i.e., do not link panda site to your off-site content - we can't archive off-site content)
- Final presentation
 - As you develop your project concept, think how you will present the idea
 - Presentations will be scheduled at the end of November/beginning of December
 - More details on presentation will be provided later – assume ~15-20 minutes; all group members must be present.