One change in law; a myriad of industry effects

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- Preparing to handle US Applications
- Impact on Derwent World Patent Index (DWPI) patent family structure in 2001
- Applicant analysis
- Technological analysis
  - DWPI
  - Derwent GENESEQ and World Drug Alert (DWDA)
- Future predictions
Handling the new US Applications

- Providing full coverage and value-add within products
- Projected volumes
- Recruitment
- New office
- Technical training
- IT implications
DWPI patent family structure

- Priority data
- One database record - all patents relating to a single invention
- Basic or equivalent publications
- Continuations, continuations-in-part and divisions
- Non-convention equivalents
- Importance of US applications
Volume of US patents published in last 2 years
Basic patents from issuing authorities
Impact of AIPA on Derwent patent families in 2001

- 40% basic patents
- 56% of these families contain the single US Application
- US versus foreign filings
  - 57% of basics have a US priority
- US filings
  - 89% of basics with a US priority contain the single US Application
  - 0.1% of basics have a first US priority after Nov 29th 2000
Analysis of Applicants within Derwent family of published 2001 US Applications

- Applications published in 2001
  - 80% Derwent company code  20% individual inventors

- Within sub-set of basic voluntary/early publications
  - 23% Derwent company code  77% individual inventors

- Top 40 Derwent standard company codes - engineering
  - NEC - applicant on 2.3% of 2001 US Applications

- 34% of 2001 US Applications from 70 companies
  - Includes 13 chemical companies
Analysis of technological content of patents in DWPI
US Applications within other Derwent databases
Prediction - trend in proportion of basic patents

- WO (PCT) - baseline
- WO (PCT) - the future ?
- US-A - baseline
- US-A - the future ?
- US-B - baseline
- US-B - the future ?
Conclusions

- Major impact for database providers
  - planning
  - ongoing volume
- Real effect on patenting activity yet to fully unfold
  - May 2002 - 18 months after introduction

- Shift in use of US-A route versus PCT
- Impact on searches based on applicant