Bigger, better and faster than before

Patent And Trade Mark Group

PATMG

Leeds, September 8th 2008

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Regional Marketing Manager
CAS

STN

Introducing STN Viewer

- *Enhanced Full-Text Patent Evaluation and Navigation*

- **Along the way**
  - *Update on patent coverage on STN in particular CAS files*

STN® Viewer™ is an exciting STN feature for patent evaluation

- STN Viewer is an easy-to-use, secure web interface that allows you to efficiently:
  - Navigate
  - Evaluate
  - Share

  the full-text of patent documents associated with patent search results retrieved from STN

STN Viewer streamlines full text patent evaluation

STN® Viewer™

- Seamlessly transition from patent searching to evaluation
- Quickly assess relevancy
- Easily evaluate large patents
- Improve communication of evaluation results

STN Viewer provides a better way to manage patent file results

- STN Viewer extracts patent numbers from a patent file search, finds corresponding full-text patent records, and allows you to:
  - Filter, sort, rate, and label records
  - Highlight terms in sections of the patent
  - Obtain related patent family and legal status
  - Move selected records to projects
  - Share selected projects

STN Viewer is easy to access

- Integrated with STN®
- STN Viewer may be used without downloading or installing new software
- STN Viewer can be launched by using:
  - STN Express Wizards
  - STN Viewer web address

STN Viewer involves 5 easy steps

Step 1. Locate patent documents from an STN search

Step 2. Set up projects in STN Viewer

Step 3. Arrange, highlight, and annotate the records as needed

Step 4. Conduct in-depth evaluation of the full-text of patent records

Step 5. Share evaluated results with your client

Select records to be evaluated in STN

- Search any STN file with patent numbers, including CAplus℠ and Derwent World Patents Index® (DWPI℠)
- Full-text patent records matching the patent numbers selected are placed into a Patent Queue in STN Viewer

Full-text records will be added from nine STN full-text databases

- EPFULL - European Patent Office
- FRFULL - French Patent Office
- GBFULL – UK Intellectual Property Office
- PATDPAFULL - German Patent Office
- PCTFULL - World Patent Office
- RDISCLOSURE - Defensive publication
- USPATFULL - U.S. Patent Office
- USPAT2 - U.S. Patents latest publication
- USPATOLD - U.S. Patent Office back to 1790

STN®

Review of STN patent content

- Around 40 databases containing patent information
- Full text (as before)
- Bibliographic files incl
  - CAplus, Derwent World Patents Index, RUSSIAPAT, JAPIO, KOREAPAT, INPADOC, Biotechnology Abstracts, TULSA…

Review of CAS content

- What is still the same
  - Most current and comprehensive chemistry bibliographic database
  - Updated daily, currently contains 97 million substances
- What has changed recently
  - Additional coverage of Asia patents
  - Indexing policy for substances in patents
  - CAS definition of basic patents expanded

Additional coverage of Asia patents

- Increased currency and coverage for:
  - China. 1985 to date. (bib. data within 14 days, fully indexed within 50 days)
  - Japan. 1916 to date (bib. data within 2 days, fully indexed within 27 days)
  - Korea. 1994 to date. (bib. data within 14 days)
  - India. 1946 to date. (bib. data within 14 days)
  - *List not comprehensive*

Indexing policy for substances in patents

- Effective December 12, 2007, CAS began covering exemplified prophetic substances from English, French and German basic patents
- These are defined as:
  - Specific substances (e.g., reactants, isolated intermediates, products) that are described, but not characterized, in patent examples, and that do not also appear in patent claims. They may be identified (exemplified) by the inventor by chemical name or structure, including a structure displayed in tabular format
  - Known substances reported in a patent to have novel or new uses when no substantiation of the novel/new uses is provided

CAS definition of basic patents expanded

- Beginning July 1, 2008, both the PCT application and its original national equivalent(s) with oldest priority, from the U.S., DE, GB, FR, Canada, and/or the EPO, are being covered as basic patents in CAplus.
- If the first national application with oldest priority was filed in a country other than those listed above, then CAS traditional rule, that the basic is the first patent to arrive at CAS, will apply.
- With the new expanded definition of a basic patent, the number of patents eligible for basic patent analysis will increase, enhancing overall coverage of chemical substances.

STN®

The 'Evaluate with STN Viewer' Wizard identifies full-text patent availability

```
=> FILE CAPLUS

=> S L1 AND (US OR WO OR EP)/PRC
       1012921 US/PRC
        443994 WO/PRC
        112968 EP/PRC
L2        149 L14 AND …

=>
Launching STN Viewer

360 records sent to STN Viewer

L3          9 Answers not represented
              in STN Viewer
FIL STNGUIDE
=>
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Patent numbers

```
=> FIL EPFULL, FRFULL, GBFULL,
   PATDPAFULL, PCTFULL,
   RDISCLOSURE, USPATFULL,
   USPAT2, USPATOLD
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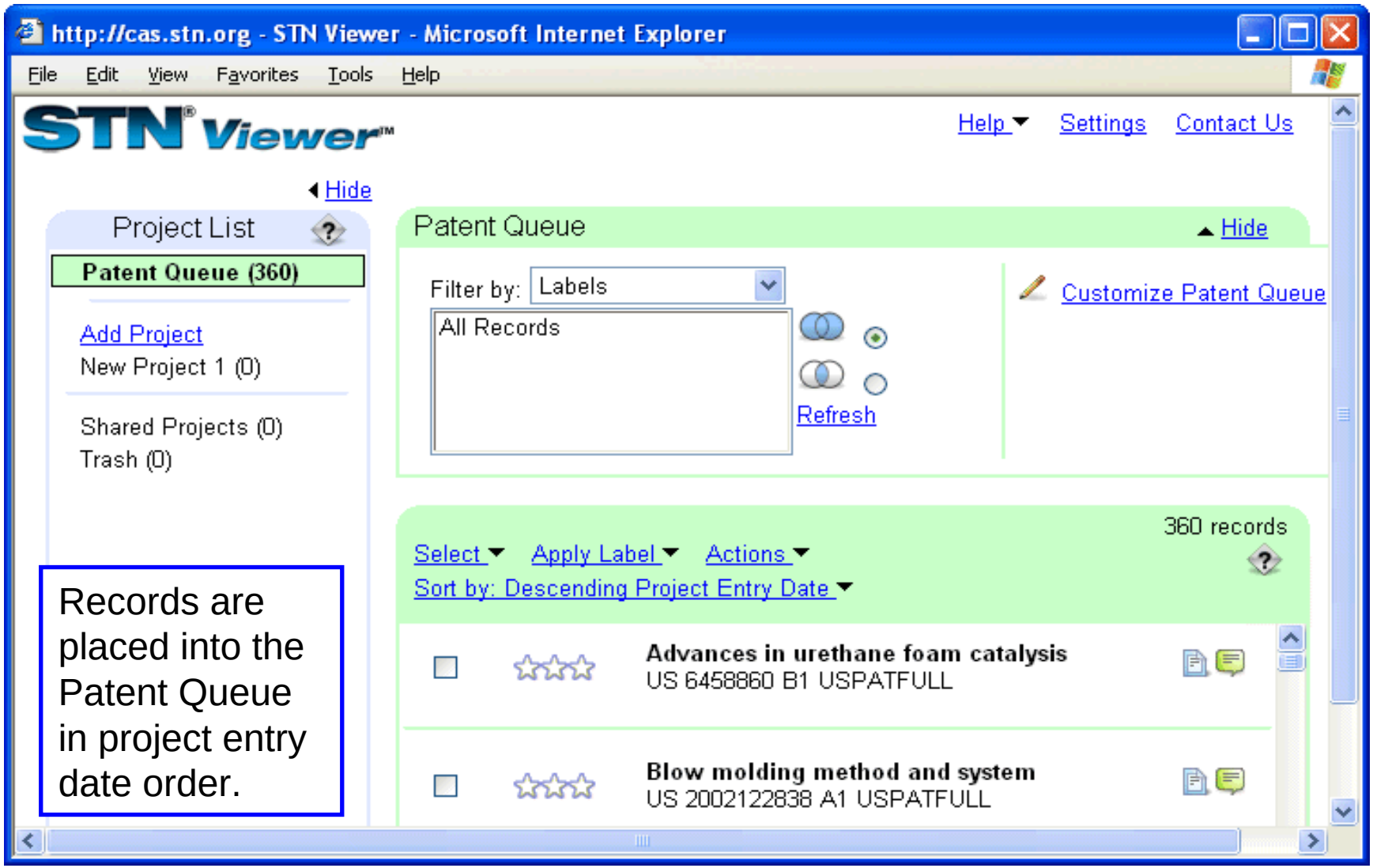
9 CAPLUS records

360 full-text records

STN®

STN Viewer is launched on the web

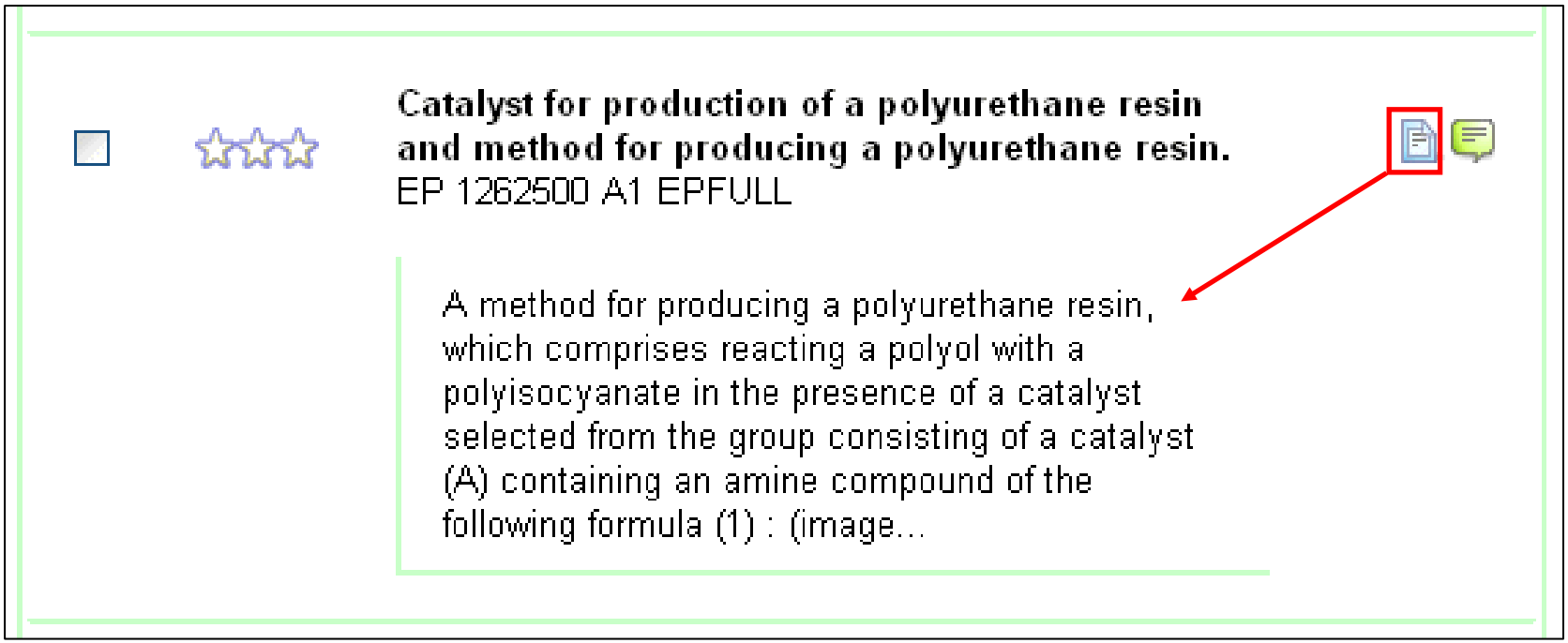


Records are placed into the Patent Queue in project entry date order.

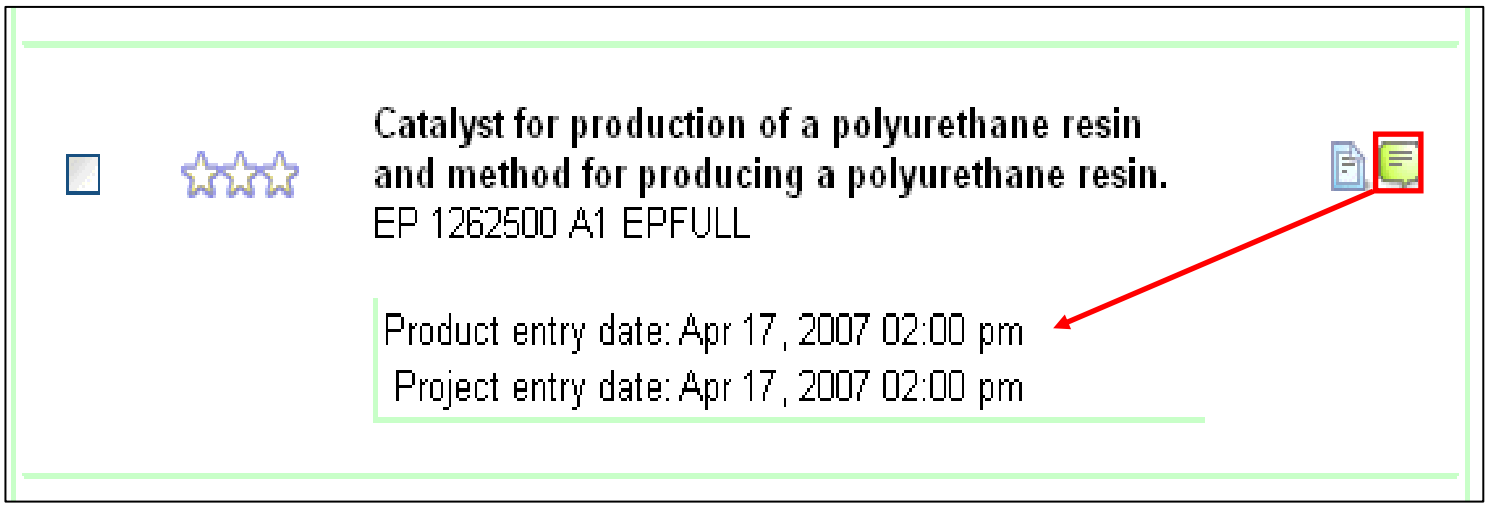
The Patent Queue is the main depository for patent records

- The Patent Queue provides:
  - Patent titles
  - Patent country, kind codes, publication year
  - Database name for full-text patent record
- View a partial abstract
- Link to full-text record
- Move records into a Project

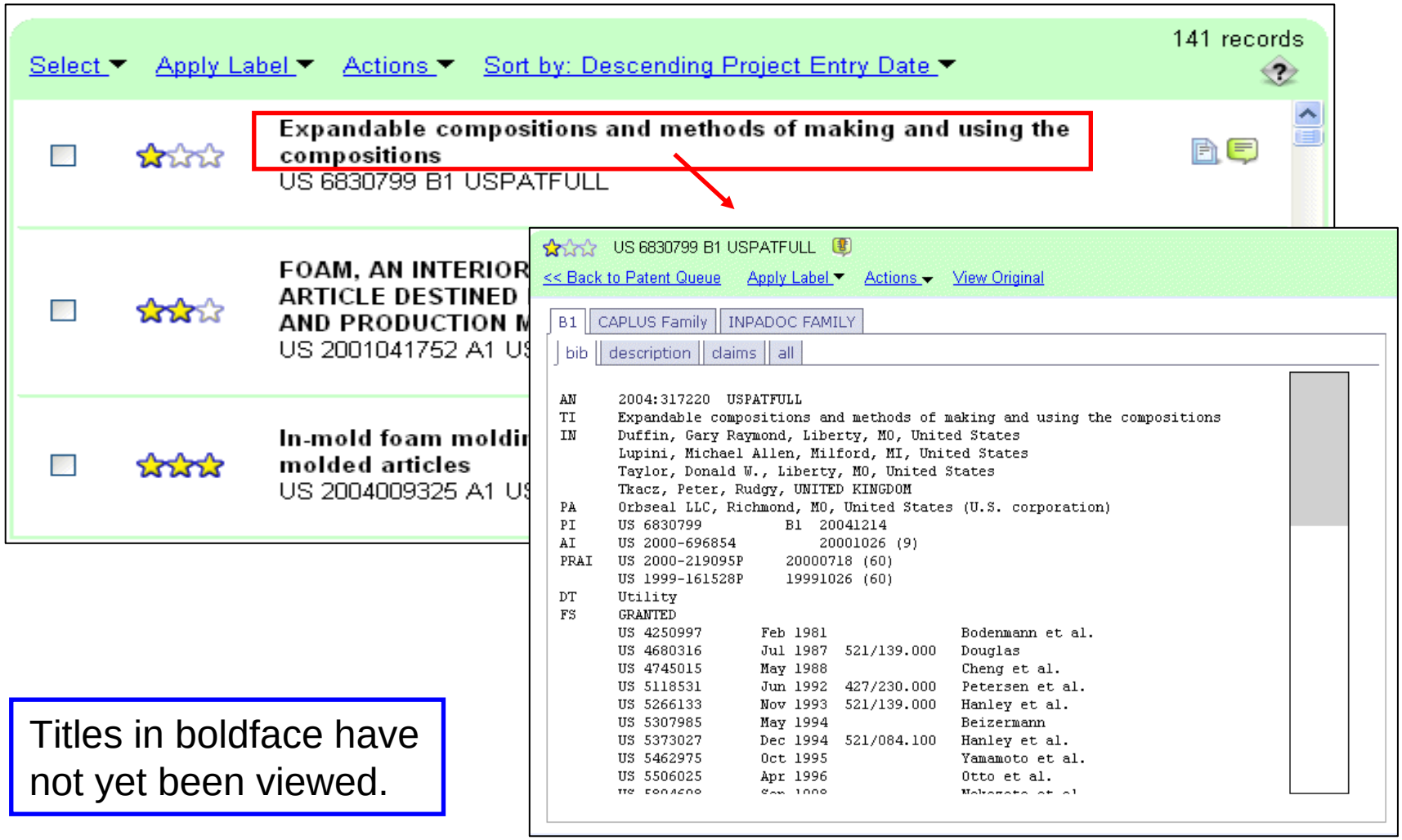
A partial abstract helps select relevant patents for further evaluation



Metadata link provides the dates a record initially entered the Patent Queue, was added to a Project, or was Shared



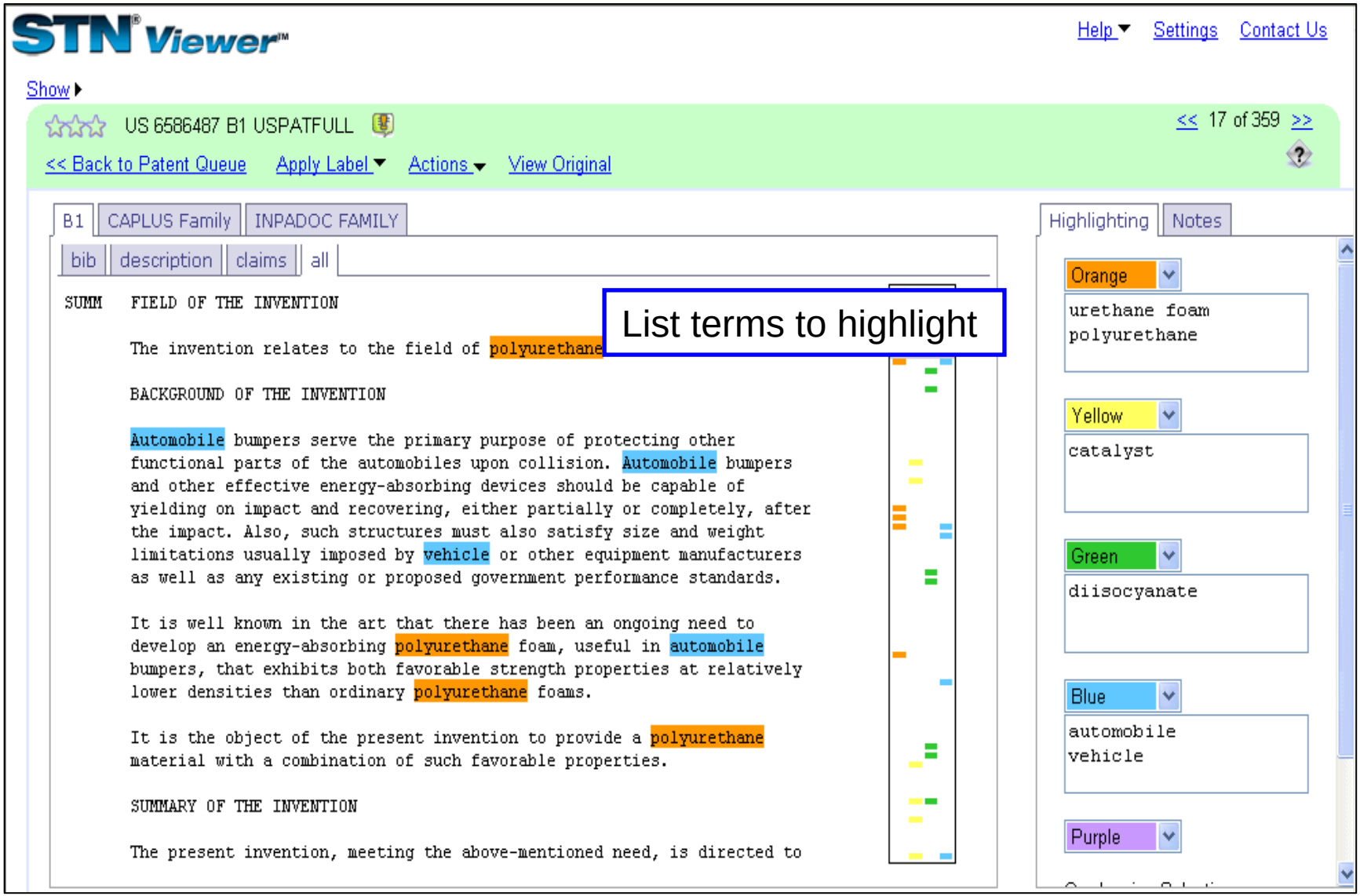
Display the full-text patent record by clicking on its title



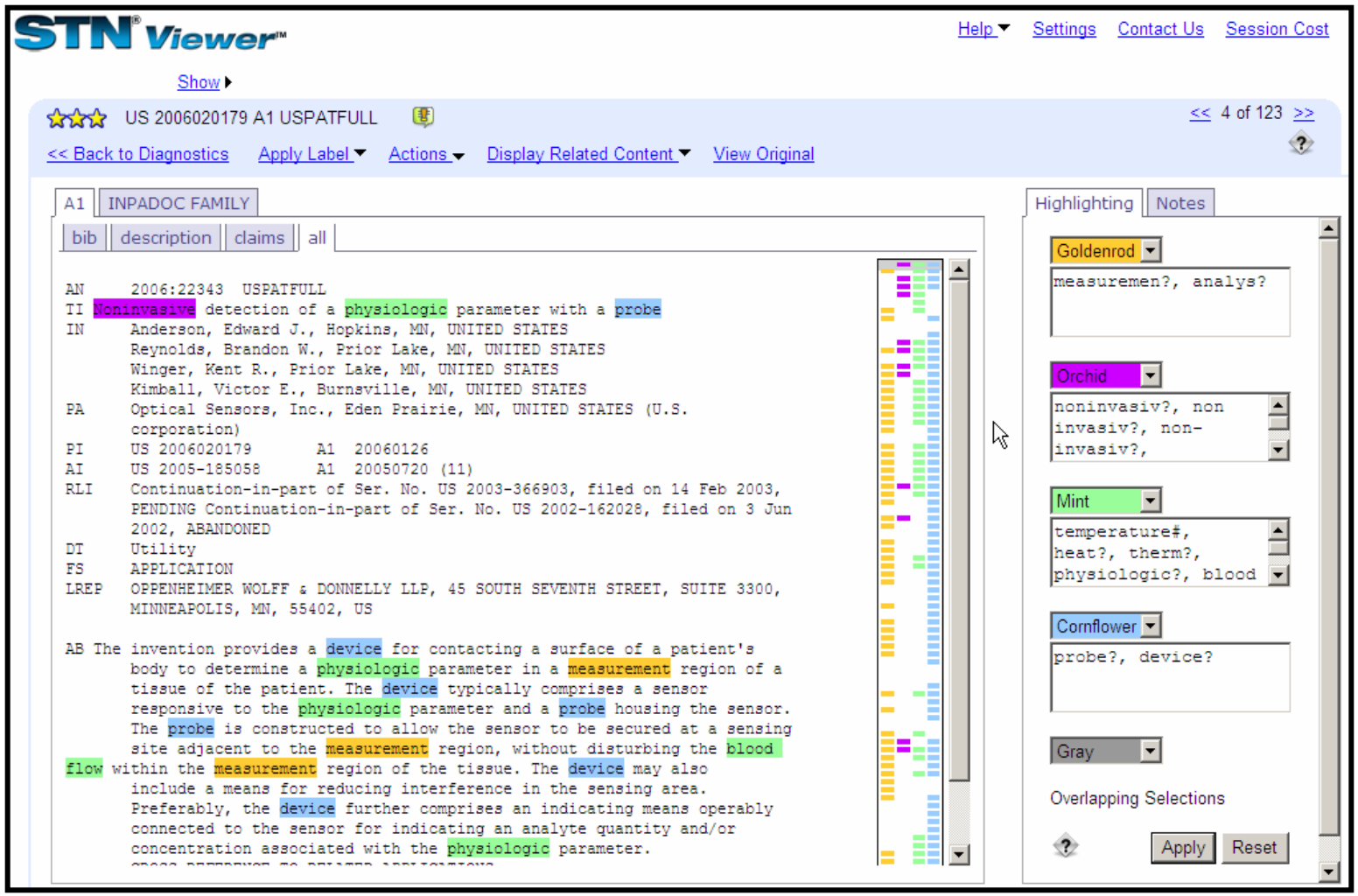
Titles in boldface have not yet been viewed.

STN

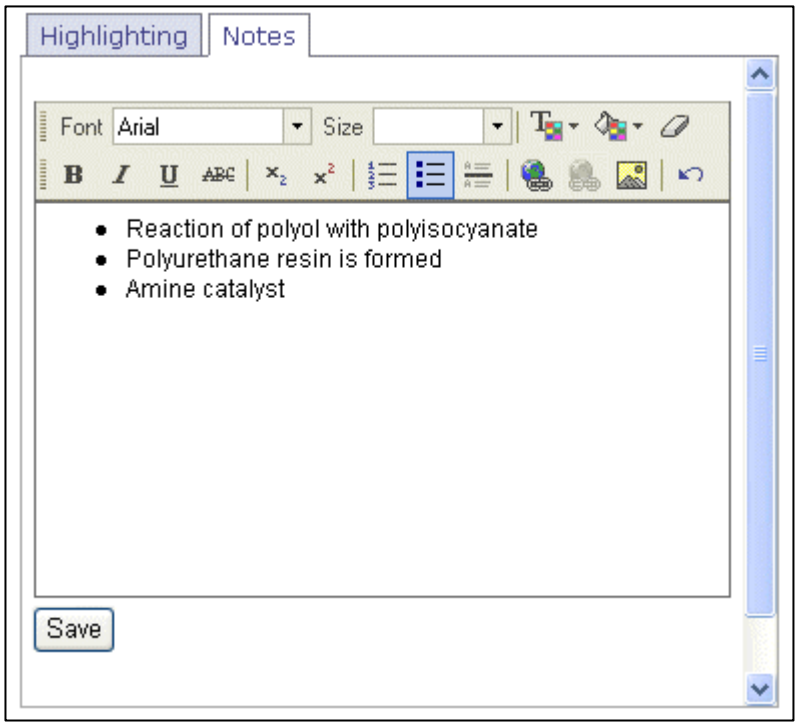
Select terms and colors for highlighting



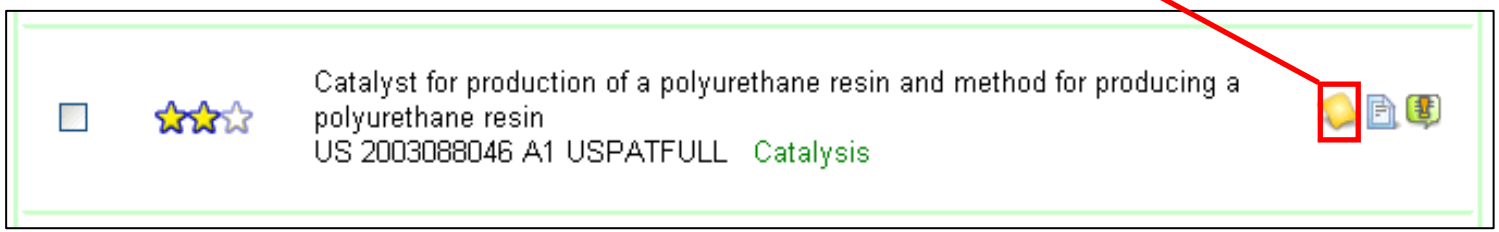
Use of truncation with highlighting provides powerful term analysis



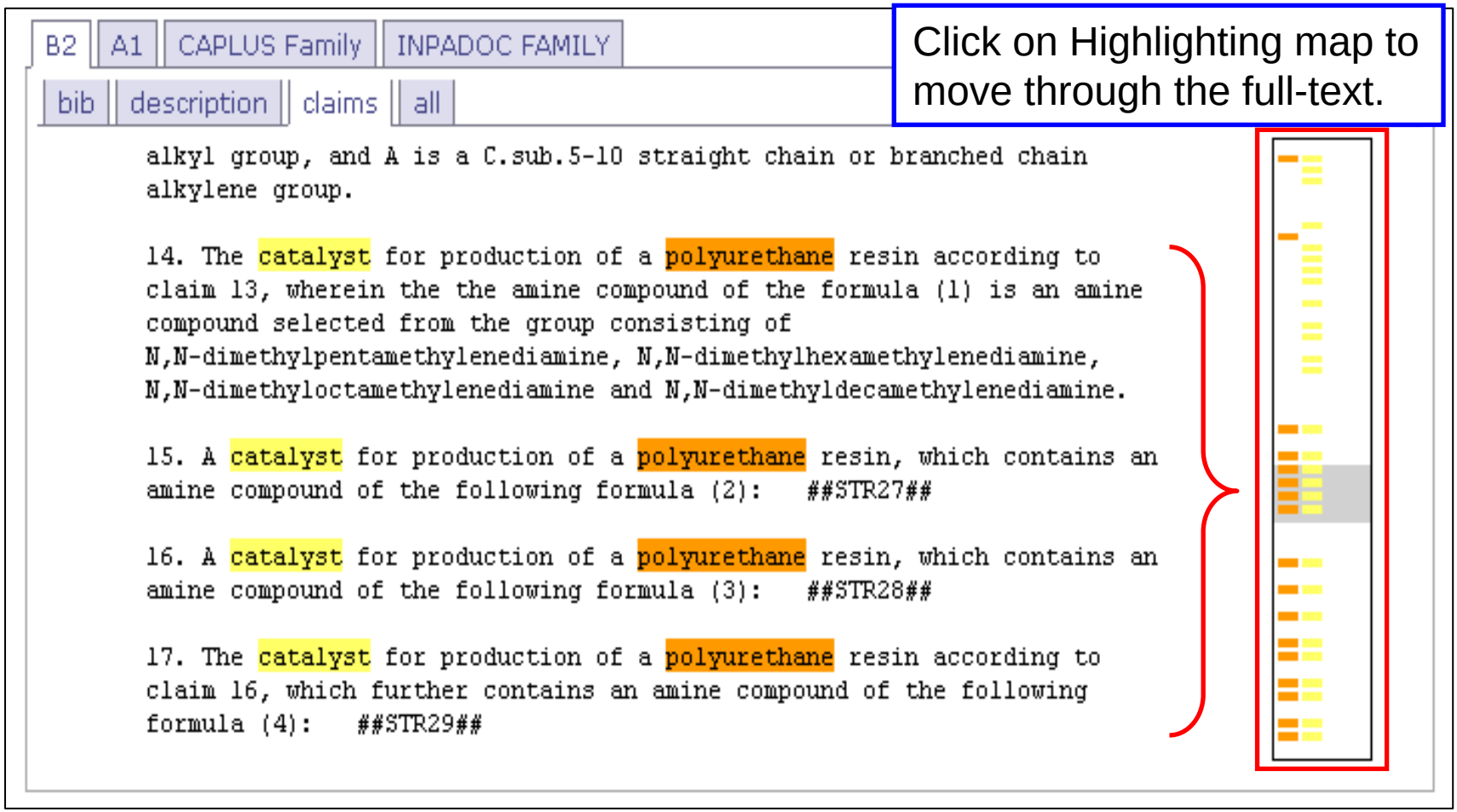
Records can be annotated



Records with notes are flagged in the Patent Queue.



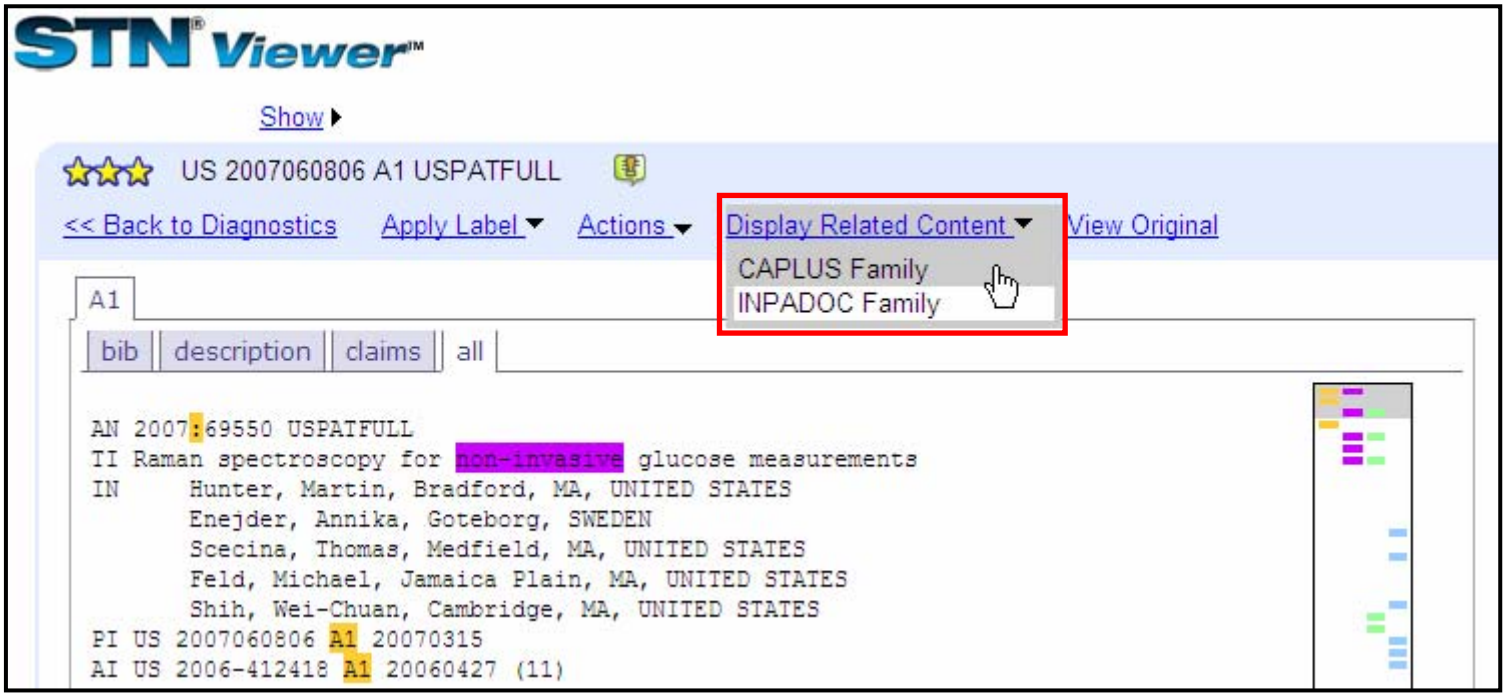
Use the highlighting map to find desired terms in full-text of the patent



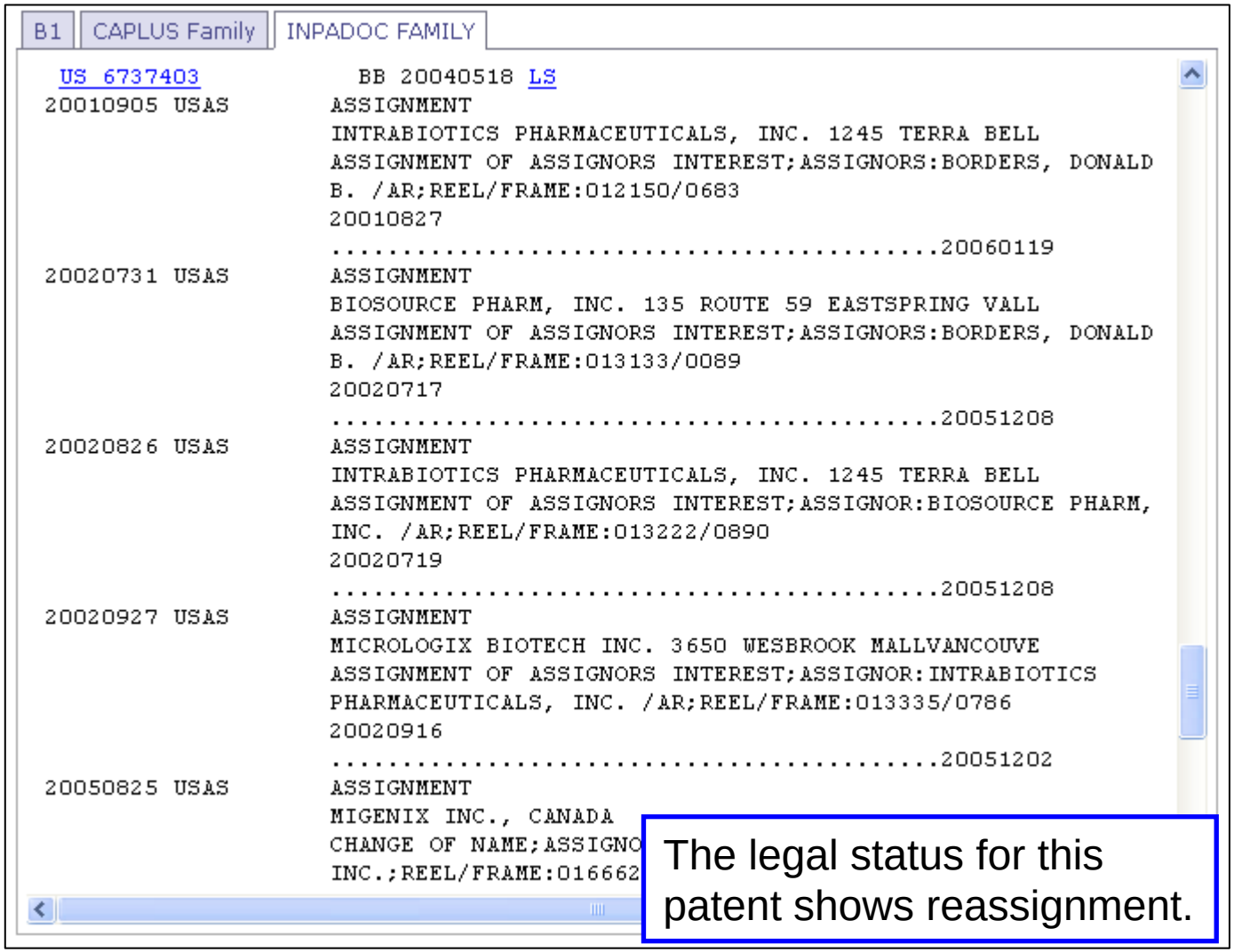
The highlighting map guides us to claims text describing catalysts for polyurethane production

14. The catalyst for production of a polyurethane resin according to Claim 13, wherein the the amine compound of the formula (1) is an amine compound selected from the group consisting of N,N-dimethylpentamethylenediamine, N,N-dimethylhexamethylenediamine, N,N-dimethyloctamethylenediamine and N,N-dimethyldecamethylenediamine.

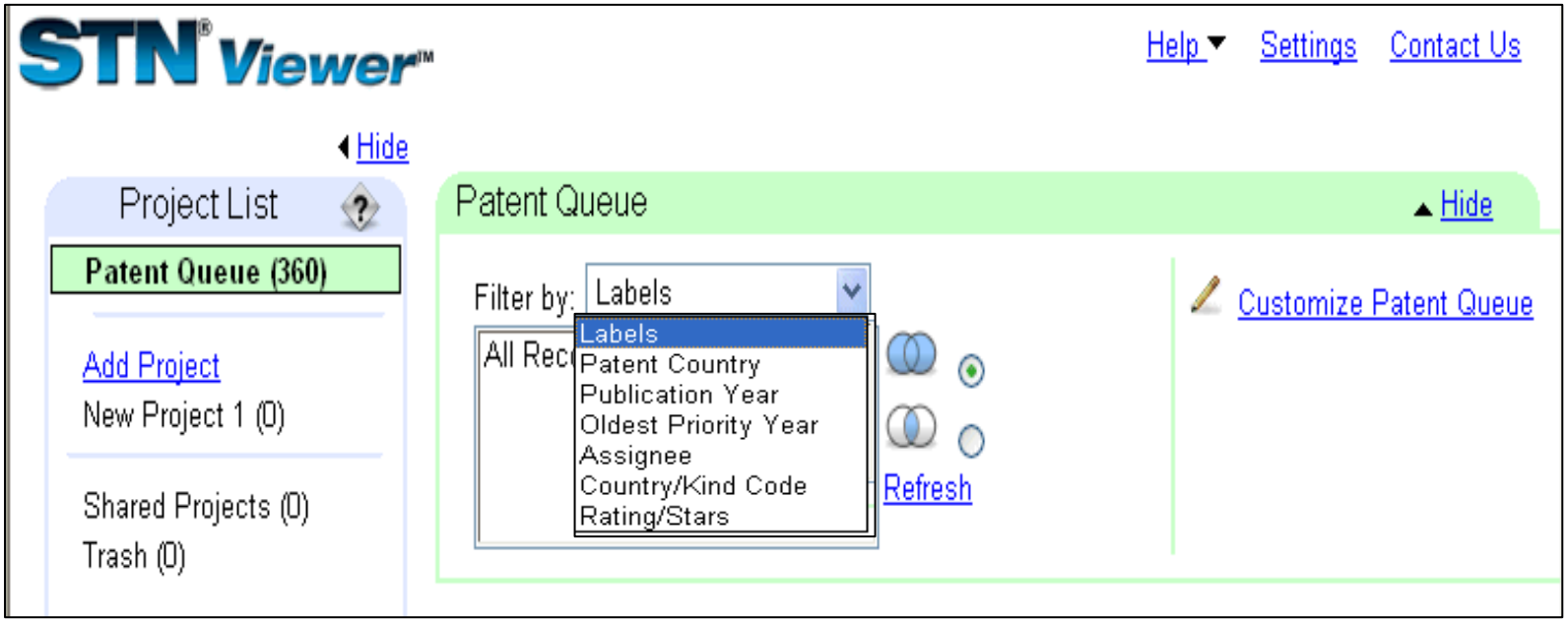
View family information from CAplus or INPADOCDB



View legal status from INPADOCDB

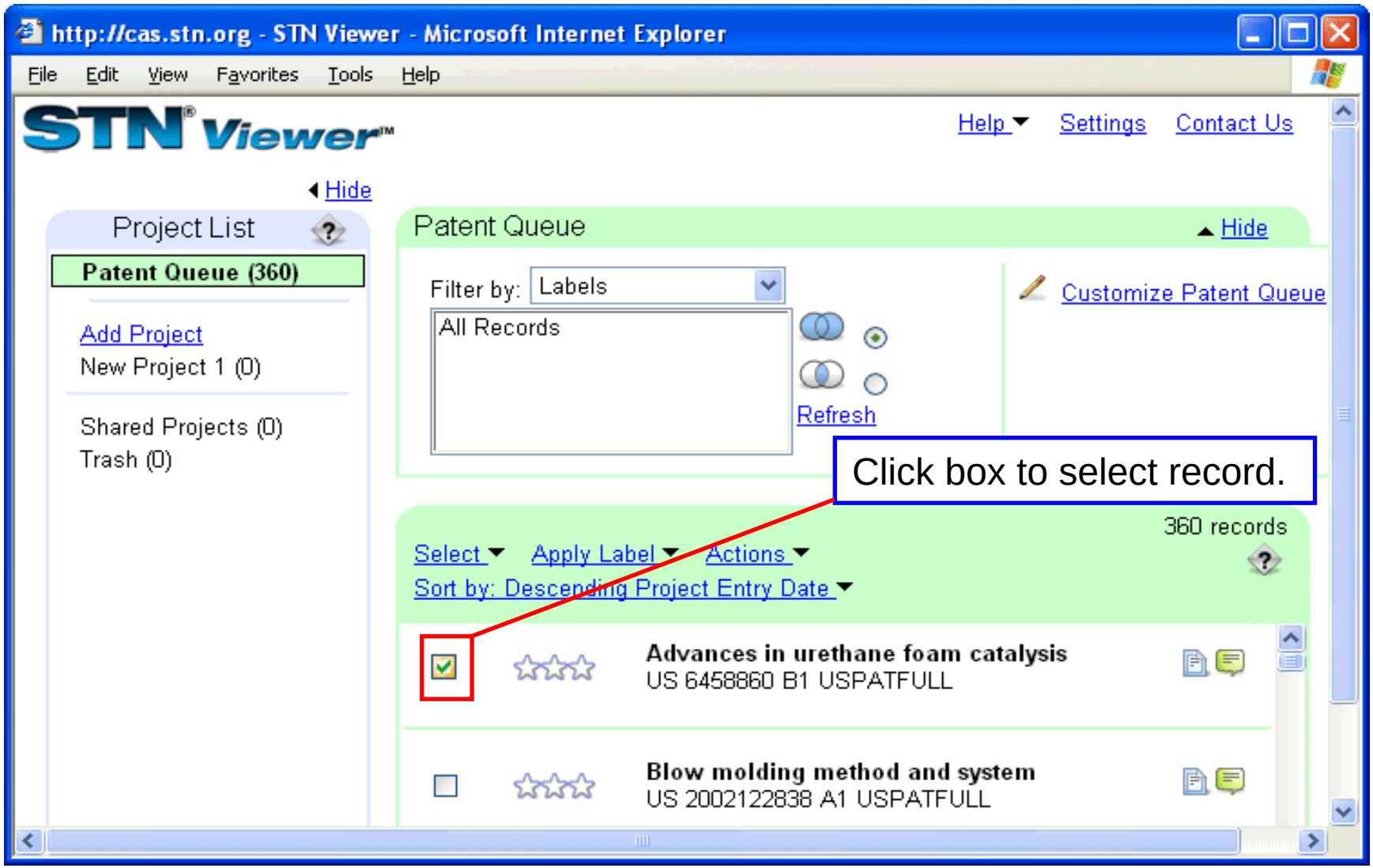


Records from the Patent Queue and Projects may be refined by filtering

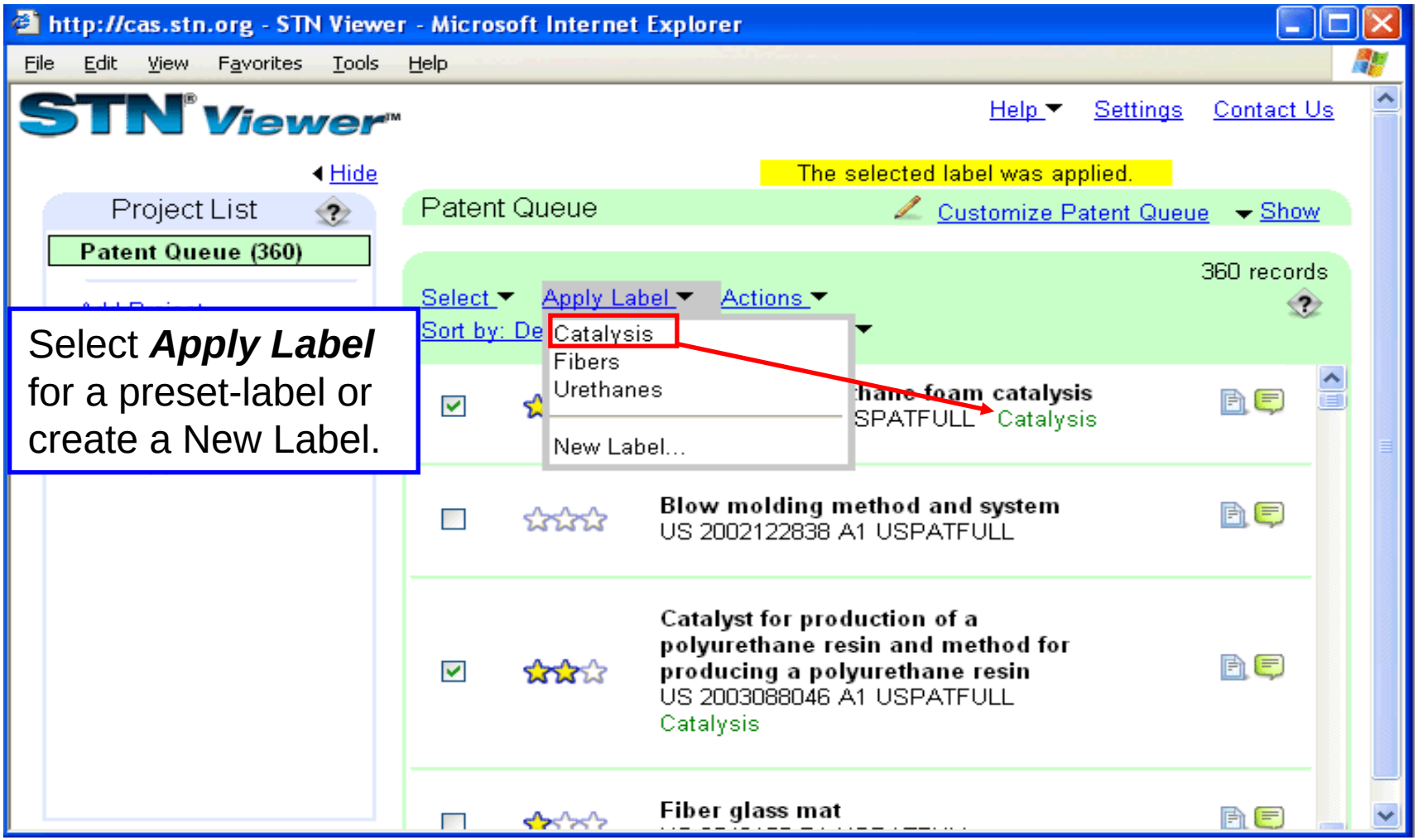


- Filter by Labels, Patent Country, Publication Year, Oldest Priority Year, Assignee, Country/Kind Code, or Rating/Stars

Individual records may be selected



Selected records can be labeled



Move desired patents from the Patent Queue to a Project

- Click on selection box to move individual patents to a Project
- Use the Select drop-down menu to move multiple records

Optionally add 1-3 star ratings to selected records.

STN Viewer projects may be shared

- Results may be shared with colleagues, attorneys and scientists
- Originator and recipient each have their own project copy:
  - Recipient can modify project contents
- The recipient has access to the patent records, highlighting, labels, and notes you assigned

Summary

- STN Viewer is a productivity tool to enable faster evaluation of patent search results.
- STN Content continues to be enhanced
- You can count on STN for your patent searching

Acknowledgements

- Dr Claus-Dieter Siems, FIZ Karlsruhe
- Rob Austin, FIZ Karlsruhe
- Brian Sweet, CAS