

# ROWAN PATENTS

DATA SHEET

AQX's Rowan Patents (formerly TurboPatent) strengthens patent application drafts and Office action responses, saving time, reducing errors, and improving quality. This offering brings new tools for analyzing and tailoring applications and responding to Office actions.

## PATENT APPLICATION ANALYSIS

AQX's Rowan Analytics (formerly RoboReview) analyzes the draft patent application for novelty, patentability, antecedent basis, claim support, term consistency, and more; identifying the type of defects that people often miss. This allows practitioners to keep their focus on the technical and legal arguments.

The Rowan Analytics tool

- Predicts the most likely Art Unit
- Forecasts allowance, pendency, number of Office actions, grant rate, etc.
- Identifies issues such as antecedent basis, figure reference, claim support, claim numbering, and term consistency.
- Presents issues in line in the document using Microsoft Word comments

The analysis can be run at any stage in the development of the draft application, and is appropriate for iterative execution and review. A thorough application analysis takes only seconds. It reduces prosecution costs and time to grant, increases defensibility, and improves enforceability.



**ROWAN** (PatentProphet, January 12th 2020, 3:57:22)

File name: Analytics\_SampleApp\_input.docx

Art Unit	Allowance rate	Pendency (months)	Avg. no. of Office actions	% granted with appeal
2144	68%	42	2.5	5%
2421	77%	32	2.3	6%
2427	62%	44	2.7	18%
2425	71%	34	2.7	10%
2423	72%	36	2.7	8%

**Eligibility Prediction**  
Eligibility related on similarity to claims rejected under 101 for abstractness

Words related to low eligibility:

subscribed	interest	notify	reflecting
value	metric		

**Similarity Search**  
Relevant U.S. patent documents based on semantic search

US9750014B2	US9326030B2	US2015010644A1
US9665251B2	US10579235B2	US20200001510A1
US10645054B1	US9302812B1	US10547598B1
US20200142413A1		

**\$112**  
Count issues based on language defects in the application

8	8	4	2
Antecedent basis issues	Figure reference issues	Unsupported claim terms	Claim order and format issues

**Antecedent-basis issues**  
The following 6 antecedent-basis issues were identified in the claims:

Term phrase	Issue	Claim(s)
the user of the media content item	Missing introduction	1, 17, and 20
a user	Term is previously introduced	4
a media content item	Term is previously introduced	6 and 8
users of the content sharing platform	Term is previously introduced	6
the advertising	Term is introduced in a different context	7
the advertising	Term is referred to before its introduction	8 and 14

**Claim support**

Concept	Claim(s)
topic	5 and 16



## Rowan Prosecution & Rowan Analytics Tools

- Write stronger patents through use of predictive analytics
- Automated proofreading for draft patent applications
- Develop better Office action responses with value-added decision support material provided automatically
- Create Office action response shells five times faster than traditional, manual entry methods
- Use automation and Natural Language Processing (NLP) to inform decisions and set expectations
- Reduce administrative tedium through automated creation of response shell and supporting material needed for legal and technical arguments

## OFFICE ACTION RESPONSE

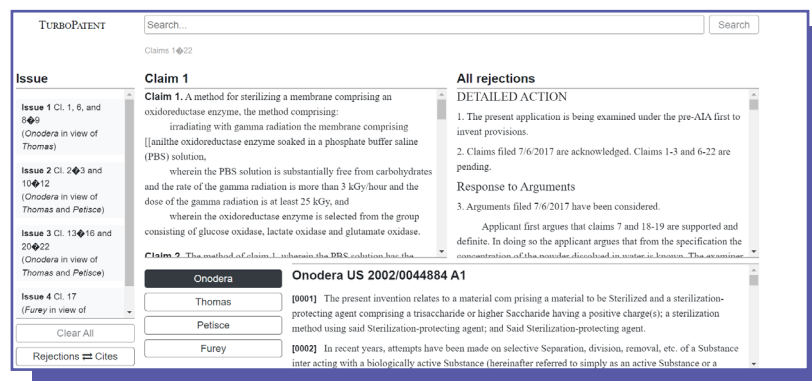
AQX's Rowan Prosecution (formerly SmartShell) supports stronger Office action responses with less administrator and attorney time. The solution produces a shell response from a template that lays out the issues by statute, details the claims affected, and is ready for the legal and technical arguments by the practitioner. Value added decision support material also provided automatically by the solution includes:

- Analytics report with updated prediction of allowance rate, pendency, number of Office actions
- Reporting better with summary of examiner's issues generated by natural language recognition
- Annotated Cited Art, highlighting paragraphs referenced by examiner in claim rejections

The solution also supports claim editing by presenting a preview of markup while editing. Amended claims are automatically formatted with USPTO compliant markup, and automatically numbered, ordered, and adjusted for dependencies. Once the arguments have been added to the shell response, Rowan Prosecution performs a final check to ensure full resolution of the identified issues, and to check if new concepts were developed in the claims that are not adequately supported in the specification.

Patent applications and Office action responses are complex documents that are constantly being edited by several parties. AQX's Rowan Patents brings legal professionals the necessary tools and technology to improve the efficiency and effectiveness of patent application preparation and prosecution.

<p>and providing a notification to a device employed by the user to notify the user of the media content item.</p> <p>Claim 2. The method of claim 1, wherein the content channel is associated with a content sharing platform.</p> <p>Claim 3. The method of claim 2, further comprising identifying a user that has not accessed the content sharing platform for at least a defined time period.</p> <p>Claim 4. The method of claim 2, further comprising identifying a user employing a mobile application to access the content sharing platform.</p> <p>Claim 5. The method of claim 2, wherein the pre-defined criterion is provided by one of:  a topic of media content items,  a source of media content items,  a designation of media content items by an authorized user of the content sharing platform.</p> <p>Claim 6. The method of claim 2, wherein the selecting comprises selecting a media content item having at least one of:  a pre-defined number of impressions by users of the content sharing platform,  or a pre-defined number of clicks by users of the content sharing platform.</p>	<p><b>Antecedent basis</b>  Can't find an introduction of this term.</p> <p><b>Antecedent Basis</b>  Term is previously introduced. See claim 1 ¶2.</p> <p><b>Unsupported Concept</b>  This concept is not described anywhere in the specification. See also claim 18 ¶2.</p> <p><b>Unsupported Concept</b>  This concept is not described anywhere in the specification. See also claim 18 ¶3.</p> <p><b>Unsupported Concept</b>  This concept is not described anywhere in the specification. See also claim 18 ¶4.</p> <p><b>Antecedent Basis</b>  Term is previously introduced. See claim 1 ¶3. See also claim 8.</p> <p><b>Antecedent Basis</b>  Term is previously introduced. See claim 6 ¶2.</p>
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The screenshot shows the TURBOPATENT interface. On the left, there is an 'Issue' panel listing several issues (Issue 1, 2, 3, 4) with their respective claim numbers and associated attorneys (Thomas, Pelisce, Furey). The main area displays 'Claim 1' with its full text, including details about a sterilization method using gamma radiation and an oxidoreductase enzyme. Below the claim text, there are buttons for 'Onodera', 'Thomas', 'Pelisce', and 'Furey'. On the right, there is an 'All rejections' panel with a 'DETAILED ACTION' section. This section contains a list of rejections (1, 2, 3) and a 'Response to Arguments' section. The rejections list includes '1. The present application is being examined under the pre-AIA first to invent provisions.', '2. Claims filed 7/6/2017 are acknowledged. Claims 1-3 and 6-22 are pending.', and '3. Arguments filed 7/6/2017 have been considered.' The response to arguments section states: 'Applicant first argues that claims 7 and 18-19 are supported and definite. In doing so the applicant argues that from the specification the concentration of the monomer disclosed in matter is known. The examiner...'