Patent Quality Report

The Patent Quality Report allows patent managers to quantitatively assess the technical quality of a patent or patent application at any stage, by simply dragging and dropping a draft of the application, or typing in the publication number of a published application or granted patent. This report includes a numerical grade of the drafting's technical quality, a quantitative breakdown of the different sections of the patent, as well as a comparison of how this application ranks relative to recently granted patents. These analytics are displayed in an easy-to-read format which allows patent managers to quickly assess the quality of their company's patent applications, alerting them to quality issues early in the drafting process so they can take action.

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Patent Quality Report

Report Generated
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APPLICATION TITLE
Systems and Methods for Performing Widget Calibration

DOCUMENT ID
US20160012345

FIRM
Rocinante Law

DOCKET NUMBER
123456

ATTORNEY
James Holden

ASSIGNEE
Great Corp

QUALITY

34
SCORE

130
TOTAL DEFECTS

SUGGEST REVIEW

TABLE OF CONTENTS

Document ID
USPTO patent, application or publication number.

Firm Information
firm, internal docket number, attorney and assignee for the patent.

Quality Score
this is a high-level summary of the report, which includes a quality score, the total number of defects found in the document and a quick-reference review suggestion. A patent application with a very low quality grade may have a substantially increased risk of rejection, increasing the time and cost of prosecution and increasing the risk that a granted patent may be invalidated during litigation or post-grant review.

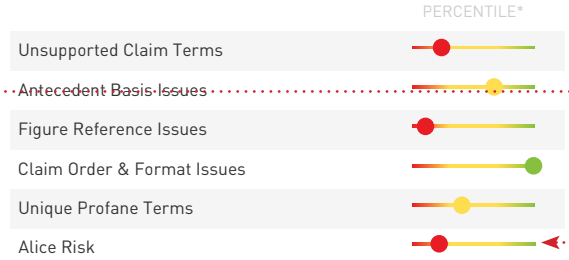
Summary

- Suggest review. Weighted quality metrics are in the median quartile.
- Unsupported claim terms are in the lower quality quartile.
- Figure reference issues are in the lower quality quartile.

Quality Metrics

34

SCORE



* Percentiles are based on a random sample of recently issued patents.

Summary
a high-level list of the factors with the largest contribution to a low quality score.

Quality metrics
a graphical representation of where this application ranks relative to a random sampling of recently issued patents, along each of six metrics.

Quality Score
an overall weighted quality grade, out of a possible 100, based on the different issues identified and their relative importance to the technical quality of the patent.

Percentile Rank
the percentile the patent falls into relative to a randomized sampling of recently issued patents.

Content Metrics

CLAIMS

Independent	4
Dependent	23
TOTAL	27

1944
Words

92
Unique Terms

81
Elements

SPECIFICATION

17223
TOTAL WORDS

Background	390
Summary	1176
Detailed Description	12879
Abstract	141

13
Total Figures

78
Numbered Items

Content Metrics
a high-level quantitative overview of the patent, such as the number of figures, and the number of words in each section.

Art Unit Predictions

Statistics for the five most likely results, in decreasing order

ART UNIT	PERCENT ALLOWED USPTO AVG: 78%	MONTHS TO GRANT USPTO AVG: 38
2648	87%	37 months
2649	85%	38 months
2647	87%	35 months
2633	92%	30 months
2631	92%	30 months

Art Unit Predictions
list of the top five most likely art units listed in decreasing order of likelihood.

Predicted Art Unit
likely art unit (listed in order of likelihood).

Art Unit Allowance Rate
percentage of applications allowed.

Months To Grant
average number of months from filing until an application is granted.

Alice Risk

High

High similarity to business-method subject matter impacted by the Alice decision.

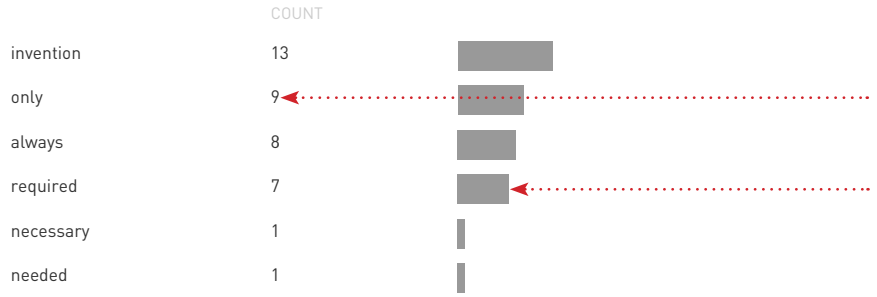
Alice Risk
measures the similarity between this patent and patents pre-dating the supreme court's Alice decision. Applications with a high Alice Risk have a higher likelihood that the application will be rejected as ineligible subject matter under the Alice/Mayo framework. For more information, see: TurboPatent.us/methodology

Alice Related Words

The following words are consistent with abstract/business method subject matter.

Alice Related Words
words which most strongly indicate similarity to patents with abstract business method subject matter.

⚠ Profanity Detected



Profanity Detected
words in the document which may be limiting to the scope of the patent.

Profanity Count
number of occurrences of each profane term.

Profanity Graph
graphical depiction of relative number of occurances of each profane term.

⚠ Antecedent Basis Issues

CLAIM 1	wireless communications circuitry, gathering radio-frequency performance metric data	unknown antecedent
CLAIM 1	transmitted radio-frequency test signals	unknown antecedent
CLAIM 1	gathered radio-frequency performance metric data	unknown antecedent
CLAIM 3	radio-frequency performance metric data	unknown antecedent
CLAIM 3	amplified radio-frequency test signals	unknown antecedent
CLAIM 4	power amplifier	unknown antecedent; This term appears in Claim 8.
CLAIM 6	transmit signal	unknown antecedent
CLAIM 6	identified transmit voltage level	unknown antecedent
CLAIM 7	power amplifier bias voltage	unknown antecedent
CLAIM 8	identified different power amplifier bias voltages	unknown antecedent

Antecedent Basis Issues
possible antecedent basis issues identified in the claims which could result in a §112 rejection, increasing the cost and time of prosecution.

Claim Term
element which may have been claimed in a manner that may be indefinite.

Antecedent Issue
specific antecedent basis issue encountered.

Claim Number
claim where antecedent basis issue occurred.

Unsupported Claim Terms

The following 24 claim terms were not found in the specification:

CLAIM REFERENCE	
corresponding power amplifier bias voltage and output power level	7
first transmit signal and bias voltage calibration data	22
wireless communications circuitry, gathering radio-frequency performance metric data	1
wireless communications circuitry, gathering radio-frequency performance metric information	25
plurality of different power amplifier bias voltages	4
corresponding adjacent channel leakage ratio value	18

Claim Order & Format Issues

Claim 10	Check line endings in paragraph 2
Claim 20	Check line endings in paragraph 2

Unsupported Claim Terms
elements from the claims which were not found in the specification. This could indicate that the invention was not properly enabled.

Claim Term
noun phrase identified as an element within the claims which is missing from the specification.

Claim Numbers
the list of claims in which each unsupported claim term appears.

Claim Order & Format Issues
a list of possible formatting issues in the claims.

Order or Format Issue
specific issue encountered.

Inconsistent Figure References

The following numbered items are labeled inconsistently in the detailed description:

PART NUMBER	PART NAMES
10	device (94) DUT (41) test (DUT) (1)
16	~~devices (5)~~ input-output circuitry (1)
18	wireless circuitry (18) wireless communications circuitry (9) circuitry (4) wireless communications devices (1)

Inconsistent Figure References

part numbers of elements which have been referred to inconsistently throughout the document and lists of the part names adjacent to each numbered element as well as the number of times it was referred to by each name.

Part Number

part numbers used when referring to this element within the specification.

Part Count

number of times this part number was referred to by this name.

Nomenclature Table

The following noun phrases were identified in the claims:

	CLAIM REFERENCE
additional entry	24
additional transmit power level	24
adjacent channel leakage ratio value	18
adjustable bias voltage generation circuitry	1, 4, 8, & 12–13
adjustable power supply circuitry	21–22
amplified radio-frequency signals	9 & 14
amplified radio-frequency test signals	3
baseband data	13
baseband processing circuitry	13, 21, & 26
bias voltage calibration data	22–23 & 25
calibration data	1, 6–10, 12–15, & 20
calibration data structure	20 & 23–24
calibration engine	25
common integrated circuit	11
compression value	10
corresponding adjacent channel leakage ratio value	18

Nomenclature Table
a list of noun-phrases which have been identified as possible elements within the invention.

Claim Term
noun phrase identified as an element within the claims.

Claim Numbers
the list of claims in which each claim term appears.

Problem Map

DETAILED-DESCRIPTION

.... The output of transceiver circuitry 48 may be coupled to the input of power amplifier circuitry 46[49] via path 52. Transceiver circuitry 48 may provide signals to be transmitted to the input of power amplifier circuitry 46[50] (e.g., transmit signals having a corresponding voltage magnitude Vin). Power amplifier circuitry 46[51] (sometimes referred to as a power amplifier circuit or power amplifier) may contain one or more individual power amplifiers (sometimes referred to herein as amplifier stages or gain stages). During data transmission, power amplifier circuitry 46[52] may boost the output power of transmitted signals TX to a sufficiently high level to ensure adequate signal transmission. For example, power amplifier circuitry 46[53] may receive transmit signals from transceiver circuitry 48 having a voltage level Vin and a corresponding input power level Pin and may output amplified transmit signals TX having an output power level Pout (and a corresponding output voltage magnitude Vout). The gain provided by power amplifier circuitry 46[54] may be defined as the ratio of output power level Pout to input power level Pin.

[49] inconsistent part name
[50] inconsistent part name
[51] inconsistent part name
[52] inconsistent part name
[53] inconsistent part name
[54] inconsistent part name

Problem Map
highlights each term that is the focus of an issue addressed earlier in the report, allowing the reader to quickly locate all of the issues cited within the report.

Problem
issue addressed in the report.

Location
location of the issue within the specification.