

# What's New In CLAIMS Direct v2.1 Index

## Field Changes

### Added, Removed or Changed

| v2.0                | v2.1        | Type              | Description                                                                                                                                                                                                                                                                                                               |    |        |                   |             |
|---------------------|-------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|-------------------|-------------|
| createstamp         | removed     |                   | timestamp may be used in place of createstamp. See <a href="#">Meta Information</a> for more details about timestamp.                                                                                                                                                                                                     |    |        |                   |             |
| updatestamp         | removed     |                   | timestamp may be used in place of updatestamp. See <a href="#">Meta Information</a> for more details about timestamp.                                                                                                                                                                                                     |    |        |                   |             |
| ucidd               | removed     |                   | ucid may be used in place of ucidd. ucidd was deprecated and relegated to copyField status in v2.0. v2.1 removes it.                                                                                                                                                                                                      |    |        |                   |             |
| nclms               | added       | tint              | Total number of claims associated with document                                                                                                                                                                                                                                                                           |    |        |                   |             |
| nindepclms          | added       | tint              | Total number of independent claims associated with document                                                                                                                                                                                                                                                               |    |        |                   |             |
| withdrawn           | added       | tint              | 0 or 1 value indication of withdrawn status                                                                                                                                                                                                                                                                               |    |        |                   |             |
| pn                  | changed     |                   | The pn field is further tokenized to improve searching document numbers containing alpha characters. <b>Please note: this field is no longer a replica of ucid and may contain more than one string when returned in the result set. Those relying on pn as a single identifier should use ucid instead.</b>              |    |        |                   |             |
| pd_d                | added       | tdate             | Publication date represented internally as a date type. This addition allows efficient range faceting and SOLR date math, e.g., month faceting. <div><pre>/search/query?q=ab_en:sonar &amp;facet=true &amp;facet.range=pd_d &amp;facet.start=NOW/DAY-1YEAR &amp;facet.end=NOW/DAY+1DAY &amp;facet.gap=+1MONTH</pre></div> |    |        |                   |             |
| anucid              | added       | string            | A non-tokenized version of the an field. This addition allows grouping by application number.                                                                                                                                                                                                                             |    |        |                   |             |
| anorig              | added       | alexandria_token  | The original publishing office application number format. An example of a US publication number is US-20160061951-A1: <table><tr><th>an</th><th>anorig</th></tr><tr><td>US-201514936183-A</td><td>US-14936183</td></tr></table>                                                                                           | an | anorig | US-201514936183-A | US-14936183 |
| an                  | anorig      |                   |                                                                                                                                                                                                                                                                                                                           |    |        |                   |             |
| US-201514936183-A   | US-14936183 |                   |                                                                                                                                                                                                                                                                                                                           |    |        |                   |             |
| ad_d                | added       | tdate             | Application filing date represented internally as a date type. See pd_d above.                                                                                                                                                                                                                                            |    |        |                   |             |
| priorig             | added       | alexandria_string | The original publishing office priority application number format. See anorig above.                                                                                                                                                                                                                                      |    |        |                   |             |
| lscdd               | added       | alexandria_string | A concatenated phrase including CC_LSCODE_LSDATE. For example, "US_FPAY_20140411" is searchable as:<br>US_FPAY*<br>US_FPAY_2014*<br>US_FPAY_201403*                                                                                                                                                                       |    |        |                   |             |
| ifi_expd_d          | added       | tdate             | Expiration date represented internally as a date type. See pd_d above.                                                                                                                                                                                                                                                    |    |        |                   |             |
| f_ifi_patstat       | added       | string            | Patent status for faceting                                                                                                                                                                                                                                                                                                |    |        |                   |             |
| f_ifi_name_original | added       | string            | Original assignee for faceting                                                                                                                                                                                                                                                                                            |    |        |                   |             |
| f_ifi_name_current  | added       | string            | Current assignee for faceting                                                                                                                                                                                                                                                                                             |    |        |                   |             |
| ifi_stdname         | removed     |                   |                                                                                                                                                                                                                                                                                                                           |    |        |                   |             |
| ifi_stdname_prob    | removed     |                   |                                                                                                                                                                                                                                                                                                                           |    |        |                   |             |
| ifi_stdname_current | removed     |                   |                                                                                                                                                                                                                                                                                                                           |    |        |                   |             |

|                              |       |        |                                                                                                               |
|------------------------------|-------|--------|---------------------------------------------------------------------------------------------------------------|
| ifi_name_original_confidence | added | tfloat | If the original name stems from a probable name, this value will be 0; if it stems from the standard name, 1. |
|------------------------------|-------|--------|---------------------------------------------------------------------------------------------------------------|

## Parties: Renamed

| v2.0            | v2.1                | Comment                                |
|-----------------|---------------------|----------------------------------------|
| aplstd          | aplepo              |                                        |
| invstd          | invepo              |                                        |
| asgstd          | asgepo              |                                        |
| agtstd          | agtepo              |                                        |
| corstd          | corepo              | data currently unavailable             |
| exastd          | exaepo              | data currently unavailable             |
| expstd          | expepo              | data currently unavailable             |
| stdpa           | f_epopa             | string (facetable) representation      |
| stdinv          | f_epoinv            | string (facetable) representation      |
| stdagt          | f_epoagt            | string (facetable) representation      |
| stdex           | f_epoex             | data currently unavailable             |
| stdcor          | f_epocor            | data currently unavailable             |
| ifi_stdnamestd  | f_ifi_name_original | see ifi_name_original_confidence above |
| ifi_probnamestd | f_ifi_name_original |                                        |
| ifi_curnamestd  | f_ifi_name_current  |                                        |

## Field Type Changes

| Type                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| alexandria_asian_text | <p><b>v2.0</b></p> <pre>&lt;fieldtype name="alexandria_asian_text" class="solr.TextField" positionIncrementGap="100"&gt;   &lt;analyzer type="index"&gt;     &lt;charFilter class="solr.HTMLStripCharFilterFactory" /&gt;     &lt;tokenizer class="solr.CJKTokenizerFactory" /&gt;   &lt;/analyzer&gt; &lt;/fieldtype&gt;</pre> <p><b>v2.1</b></p> <pre>&lt;fieldtype name="alexandria_asian_text" class="solr.TextField" positionIncrementGap="100"&gt;   &lt;analyzer type="index"&gt;     &lt;charFilter class="solr.HTMLStripCharFilterFactory" /&gt;     &lt;tokenizer class="solr.StandardTokenizerFactory"/&gt;     &lt;filter class="solr.CJKWidthFilterFactory"/&gt;     &lt;filter class="solr.LowerCaseFilterFactory"/&gt;     &lt;filter class="solr.CJKBigramFilterFactory" han="true" hiragana="true" katakana="true" hangul="true" outputUnigrams="false" /&gt;   &lt;/analyzer&gt; &lt;/fieldtype&gt;</pre> |

alexandria\_to  
ken

v2.0

```
<fieldType name="alexandria_token" class="solr.TextField" positionIncrementGap="100">
  <analyzer type="index">
    <tokenizer class="solr.StandardTokenizerFactory"/>
    <filter class="solr.WordDelimiterFilterFactory"
      splitOnCaseChange="1"
      splitOnNumerics="1"
      stemEnglishPossessive="0"
      generateWordParts="1"
      generateNumberParts="1"
      catenateWords="1"
      catenateNumbers="1"
      catenateAll="0" />
    <filter class="solr.LowerCaseFilterFactory"/>
    <filter class="solr.RemoveDuplicatesTokenFilterFactory"/>
  </analyzer>
</fieldType>
```

v2.1

```
<fieldType name="alexandria_token" class="solr.TextField" positionIncrementGap="100">
  <analyzer type="index">
    <tokenizer class="solr.StandardTokenizerFactory"/>
    <filter class="solr.LowerCaseFilterFactory"/>
    <filter class="solr.WordDelimiterFilterFactory"
      splitOnCaseChange="0"
      splitOnNumerics="1"
      stemEnglishPossessive="0"
      generateWordParts="1"
      generateNumberParts="1"
      catenateWords="1"
      catenateNumbers="1"
      catenateAll="0" />
    <filter class="solr.RemoveDuplicatesTokenFilterFactory"/>
  </analyzer>
</fieldType>
```