

**WIPO STANDARD ST.96 XML SCHEMA V2\_2**

**RELEASE NOTES**

August 3, 2016

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**WIPO STANDARD ST.96 XML SCHEMA V2\_2****RELEASE NOTES**

August 3, 2016

**GENERAL REMARKS**

1. This document describes the modifications made to ST.96 Schema V2\_1 to create V2\_2. The ST.96 XML Schema V2\_2 has been prepared on the basis of agreements on following issues:

- IssueID-576 (Applicant Intent)
- IssueID-585 (Error corrections in Schema V2\_1)
- IssueID-587 (WIPO ST.3 Code)
- IssueID-588 (Representative)
- IssueID-589 (ClaimsType, FootnoteBag, Endnote)
- IssueID-594 (Division, EntitlementApplication)
- IssueID-596 (Breeder to CorrespondenceAddressPartyCategoryType)
- IssueID-597 (add new value Deg for “Degree” to MeasureUnitCodeType)

2. In addition, there are some improvements to correct typos mentioned under each item below.

3. These modifications ensure that the new version of ST.96 XML Schema, version 2.2, is backward compatible with the previous version 2.1.

**MODIFICATIONS**

4. The following modifications were made for versioning up:

- Updated schema version attribute of all components from version=“V2\_1” to version=“V2\_2”.
- Updated “com:st96Version” fixed value from “V2\_1” to “V2\_2”
- Updated version number of all document level schema file names from “V2\_1” to “V2\_2”.
- Updated com:SchemaLastModifiedDate and com:SchemaReleaseNoteURL in document level schemas documentation details to reflect updates made in Version 2\_2.

```
<xsd:appinfo>
  <com:SchemaCreatedDate>2012-07-13</com:SchemaCreatedDate>
  <com:SchemaLastModifiedDate>2016-08-03</com:SchemaLastModifiedDate>
  <com:SchemaContactPoint>xml.standards@wipo.int</com:SchemaContactPoint>
  <com:SchemaReleaseNoteURL>http://www.wipo.int/standards/XMLSchema/ST96/V2_2/ReleaseNotes.pdf</com:SchemaReleaseNoteURL>
</xsd:appinfo>
```

## CORRECTION AND MODIFICATION

5. The following changes were made to the existing components to correct errors reported in relation to Version 2.1 or to modify them in view of new requirement

Common:

- a. Removed mixed="true" from <xsd:complexType name="ExternalDocumentType" mixed="true">

Reference: IssueID-585 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-585>)

- b. In com:HolderEmailAddressText.xsd

Changed include statement to <xsd:include schemaLocation="EmailAddressTextType.xsd"/>

Reference: IssueID-585 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-585>)

- c. com:MeasureUnitCodeType.xsd

Added new enumeration value "Tp"

Reference: IssueID-585 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-585>)

Added new enumeration value "Deg" (Description: Degree)

Reference: IssueID-597 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-597>)

```
<xsd:enumeration value="Tp">
  <xsd:annotation>
    <xsd:documentation>Twentieth of a point</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="Deg">
  <xsd:annotation>
    <xsd:documentation>Degree</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
```

- d. Added missing enumeration value documentation in com:TransactionCategoryType.xsd and com:ULStyleType.xsd.

- e. Updated com:WIPOST3CodeType.xsd

- Changed WIPO ST3 Code Release date to April 2016
- Added a new two-letter alphabetic code "XX" which refers to unknown states, other entities or organizations.
- Added a new two-letter alphabetic code "XV" which represents the Visegrad Patent Institute (VPI).
- Changed the name "Office for Harmonization in the Internal Market (Trademarks and Designs) (OHIM)" to "European Union Intellectual Property Office (EUIPO)"

Reference: IssueID-587 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-587>)

- f. Modified RepresentativeCategoryType to be declared as  
`<xsd:simpleType name="RepresentativeCategoryType">`  
`<xsd:union memberTypes="xsd:string com:RepresentativeCategoryBaseType">`  
`</xsd:simpleType>`

It was also agreed to update the description of Professional representative to  
 “Professional representative, e.g. patent attorney”

Reference: IssueID-588 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-588>)

- g. Added new enumeration value, “Breeder” to existing component “com:  
 CorrespondenceAddressPartyCategoryType”

```
<xsd:restriction base="xsd:token">
  <xsd:enumeration value="Applicant">
    <xsd:annotation>
      <xsd:documentation>Applicant</xsd:documentation>
    </xsd:annotation>
  </xsd:enumeration>
  <xsd:enumeration value="Representative">
    <xsd:annotation>
      <xsd:documentation>Representative</xsd:documentation>
    </xsd:annotation>
  </xsd:enumeration>
  <xsd:enumeration value="Breeder">
    <xsd:annotation>
      <xsd:documentation>Breeder</xsd:documentation>
    </xsd:annotation>
  </xsd:enumeration>
</xsd:restriction>
```

Reference: IssueID- 596 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-596>)

- h. Added com:FootnoteBag (com:Footnote+) and com:EndnoteBag(com:Endnote+).  
 Footnote:

```
<xsd:complexType name="FootnoteType" mixed="true">
  <xsd:choice minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="com:B"/>
    <xsd:element ref="com:I"/>
    <xsd:element ref="com:O"/>
    <xsd:element ref="com:U"/>
    <xsd:element ref="com:Sub"/>
    <xsd:element ref="com:Sup"/>
    <xsd:element ref="com:SmallCapital"/>
    <xsd:element ref="com:Br"/>
    <xsd:element ref="com:Pre"/>
    <xsd:element ref="com:Image"/>
    <xsd:element ref="com:Ins"/>
    <xsd:element ref="com:Del"/>
    <xsd:element ref="com:InlineFormula"/>
    <xsd:element ref="com:Math"/>
    <xsd:element ref="com:ChemicalFormulae"/>
  </xsd:choice>
  <xsd:attribute ref="com:id" use="required"/>
  <xsd:attribute ref="com:standardFootnoteTextCode"/>
  <xsd:attribute ref="com:footnoteDate"/>
</xsd:complexType>
```

**Endnote:**

```

<xsd:complexType name="EndnoteType" mixed="true">
  <xsd:choice minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="com:B"/>
    <xsd:element ref="com:I"/>
    <xsd:element ref="com:O"/>
    <xsd:element ref="com:U"/>
    <xsd:element ref="com:Sub"/>
    <xsd:element ref="com:Sup"/>
    <xsd:element ref="com:SmallCapital"/>
    <xsd:element ref="com:Br"/>
    <xsd:element ref="com:Pre"/>
    <xsd:element ref="com:Image"/>
    <xsd:element ref="com:Ins"/>
    <xsd:element ref="com:Del"/>
    <xsd:element ref="com:InlineFormula"/>
    <xsd:element ref="com:Math"/>
    <xsd:element ref="com:ChemicalFormulae"/>
  </xsd:choice>
  <xsd:attribute ref="com:id" use="required"/>
</xsd:complexType>

```

*Reference: IssueID-589 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-589>)*

**Design:**

- a. Removed orphan components
  1. ClassDescriptionBagType.xsd
  2. ClassDescriptionBag.xsd

*Reference: IssueID-585 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-585>)*

- b. In ViewFileFormatCategoryType.xsd. Removed not used import statement
  1. <xsd:import  
 namespace="http://www.wipo.int/standards/XMLSchema/ST96/Common"  
 schemaLocation="../Common/ImageFormatCategoryType.xsd"/>

*Reference: IssueID-585 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-585>)*

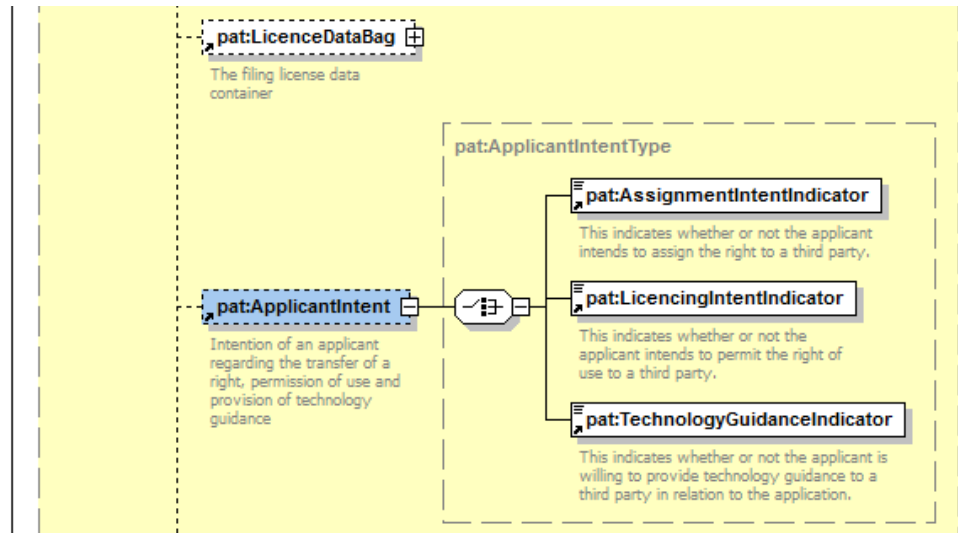
**Patent:**

- a. Added pat:ApplicantIntent element as optional to pat:BibliographicData  
 description: Intention of an applicant regarding the transfer of a right, permission of use and provision of technology guidance.

The content model of pat:ApplicantIntent is a choice of the following three new elements:  
 AssignmentIntentIndicator: This indicates whether or not the applicant intends to assign the right to a third party.

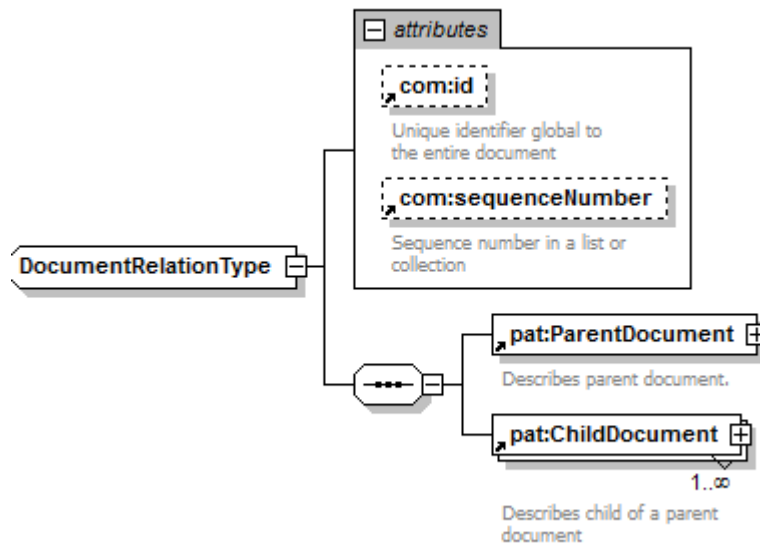
LicensingIntentIndicator description: This indicates whether or not the applicant intends to permit the right of use to a third party.

TechnologyGuidanceIndicator description: This indicates whether or not the applicant is willing to provide technology guidance to a third party in relation to the application.



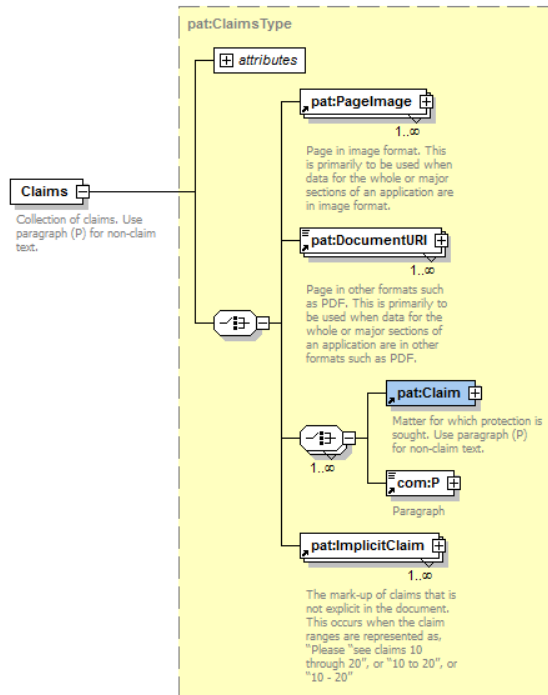
Reference: IssueID-576 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-576>)

- b. Added attribute com:sequenceNumber to pat:DocumentRelationType



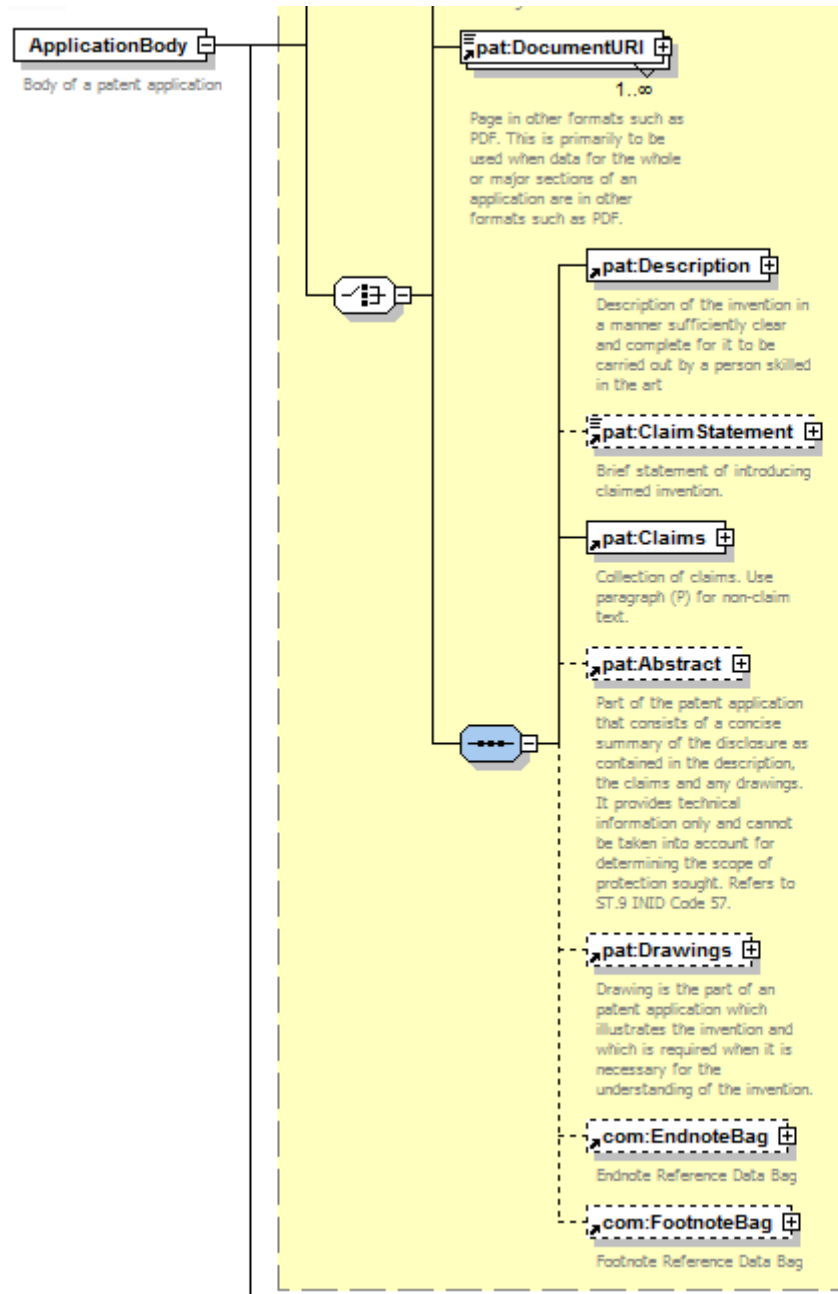
Reference: IssueID-594 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-594>)

- c. Added com:P to pat:ClaimsType, see diagram below.  
Updated description of element pat:Claims as "Collection of claims. Use paragraph (P) for non-claim text."  
Updated description of element pat:Claim as "Matter for which protection is sought. Use paragraph (P) for non-claim text."



Reference: IssueID-589 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-589>)

- d. Added new components `com:FootnoteBag` and `com:EndnoteBag` to `pat:ApplicationBodyType`



Reference: IssueID-589 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-589>)

- e. In description of InventorBag.xsd, changed the word “Inventors” to lower case “i”. The collection of inventors. Refers to ST.9 INID Code 72.

In description of RegisteredPractitionerBag.xsd, corrected typos read as “Collection of registered practitioners. Refers to ST.9 INID Code 74”

[Note: Event though it was agreed by TF members under IssueID-585 (<https://www3.wipo.int/confluence/display/xml4iptf/IssueID-585>), the removal of mixe= “true” attribute from pat:RelatedPublicationType was not reflected in this version 2.2 because the removal causes non-backward compatibility. Therefore this should be reflected in the next major version change, version 3.0.]



Trademark:

- a. Removed unused component tmk: NationalDesignSearchDescriptionText.

[End of the document]