STANDARD ST.##

recommendations on the data package format for the electronic exchange of priority documents and certified copies

*Proposal presented for consideration and approval by the Committee on WIPO Standards (CWS)*

*at its eleventh session.*

TABLE OF CONTENTS

[STANDARD ST.## 1](#_Toc149723487)

[STANDARD ST.## 3](#_Toc149723488)

[INTRODUCTION 3](#_Toc149723489)

[DEFINITIONS AND TERMINOLOGY 3](#_Toc149723490)

[SCOPE OF THE STANDARD 4](#_Toc149723491)

[REQUIREMENTS OF THE STANDARD 4](#_Toc149723492)

[Data Package Structure 4](#_Toc149723493)

[Index File 4](#_Toc149723494)

[OtherCertifiedArtifacts folder 5](#_Toc149723495)

[SupplementaryArtifacts folder 5](#_Toc149723496)

[Naming Conventions 5](#_Toc149723497)

[Filenames 6](#_Toc149723498)

[REFERENCES 7](#_Toc149723499)

[ANNEX I 8](#_Toc149723500)

[APPENDIX TO ANNEX I 9](#_Toc149723501)

[ANNEX II 10](#_Toc149723502)

[APPENDIX TO ANNEX II 15](#_Toc149723503)

STANDARD ST.##

recommendations on the data package format for the electronic exchange of priority documents and certified copies

*Proposal presented for consideration by the Committee on WIPO Standards (CWS)*

*at its eleventh session*

# INTRODUCTION

This Standard defines the data package format for the electronic exchange of priority documents. It is recommended that intellectual property offices (IPOs) furnish any data package of certified priority documents compliant with this Standard and accept the priority documents which are furnished by another IPO according to this Standard. Article 4D(3) of the Paris Convention for the Protection of Industrial Property allows countries of the Union to require any person making a declaration of priority to produce a copy of the industrial property application previously filed. The copy must be certified as correct by the authority which received such application.

The agreed understanding by the Assemblies of the Paris Union and the Patent Cooperation Treaty (PCT) Union in 2004[[1]](#footnote-2) indicates that it is for the competent authority furnishing the priority document to determine what constitutes certification of a priority document and the date of filing, and how it will certify such a document. At the same time, there is a need to ensure that the Office where a later application is filed, is able to read and use those documents efficiently.

The purpose of this Standard is to allow for the efficient, lossless and standardized exchange of certified priority documents and other relevant documents. This Standard is to support machine-to-machine communication of these priority documents and enable further automated processing of those documents. This Standard is also to improve processing of documents by exchanging structured text formats such as sequence listings in XML format of WIPO Standard ST.26, and application body and bibliographic data in the formats of WIPO Standards ST.36, ST.96 and ST.97.

# DEFINITIONS AND TERMINOLOGY

For the purpose of this Standard, the expression:

* “priority document” means a copy of the earlier patent, trademark, or industrial design application, certified by the authority with which it was filed, that the applicant is claiming as the date of disclosure.
* “patent” includes such industrial property rights as patents for inventions, plant patents, design patents, inventor's certificates, utility certificates, utility models, patents of addition, inventor's certificates of addition and utility certificates of addition.
* “trademark” means a sign or combination of signs which distinguishes the goods or services of one undertaking from those of other undertakings. Signs may consist of one or more distinctive words, letters, numbers, drawings or pictures, symbols, colors, sounds, the form or other special presentation of containers or packages for a product (provided it is not solely dictated by their function) or other aspects depending on the jurisdiction.
* “industrial design” means the visual aspect of an object, including its two-dimensional and three-dimensional features of shape and surface of objects, and thus covers both concepts of “designs” and “models” where a distinction is made between the former and the latter; the term “industrial designs” does not include design patents.
* “certifying Office” means the Office which furnished and certified the priority document.
* “certified” means that the certifying Office has determined that this is a true copy of the priority document. How this document is certified is outside the scope of this Standard.
* “recipient Office” means the “Office of second filing” or “Office of subsequent filing”.
* “schema” means XML Schema Definition (XSD) as defined in Annex II of this Standard.
* “ZIP” means a compressed file format that can be lossless and is defined in ISO/IEC 213201:2015.

The following notations are used throughout this document:

* <>: Indicates a placeholder descriptive term that, in implementation, will be replaced with a specific instance value.
* “ ”: Indicates that the text included in quotes must be used verbatim in implementation.
* { }: Indicates that the items are optional in implementation.
* Courier font: Indicates filenames, folder names, XML keywords, XML tag names and XML codes.

# SCOPE OF THE STANDARD

This Standard aims to guide IPOs how to package certified priority document data related to a patent, trademark, or industrial design application, ready for exchange preferably using machine-to-machine communication. The Standard is neutral in reference to the transmission mode used for exchange, rather it defines the type of data and file formats to be included in the package, the structure of this package and naming conventions. It should be noted that additional accompanying files might be necessary to support the transmission of the certified priority document data package, which are considered outside the scope of this Standard.

# REQUIREMENTS OF THE STANDARD

A priority document data package (hereafter referred to as PDDP) must be generated by a certifying Office with the relevant documents compressed together as a single ZIP file. The PDDP ZIP file must be able to be decompressed by commonly used software for example WinZip®[[2]](#footnote-3), 7-Zip[[3]](#footnote-4), or Unix/Linux Zip; deflation with normal compression option and must not be password protected or encrypted.

All artifacts for priority document exchange purposes should be included in this PDDP ZIP file. The certifying Office determines the contents to be included in the PDDP ZIP file according to international, regional, or national laws.

The PDDP ZIP file consists of mandatory and optional components and these documents must be placed in the corresponding folders as specified in the Data Package Structure of this Standard. The mandatory components of the ZIP file are a Priority Document Index file and a single certified Priority Document PDF file. In addition, some other documents can be mandatory, depending on the IP right in question. For example, a sequence listing in XML for a patent application[[4]](#footnote-5), a sound mark in MP3 file for a trademark application[[5]](#footnote-6) and a 3D visual representation in STEP for an industrial design application[[6]](#footnote-7). The certified priority documents mean either only the single certified Priority Document PDF file or the combination of the single certified Priority Document PDF file and some other documents which are placed in the OtherCertifiedArtifacts folder explained below.

## Data Package Structure

The PDDP ZIP file must contain a single Priority Document Index file and a single certified Priority Document PDF file, at top-level, whose contents are within the responsibility of the certifying Office. For example, in case of a patent priority document, it typically will consist of the certification page, description, claims, abstract and drawings of the application. The PDF file should be text based and all fonts used must be embedded in that PDF. The PDDP ZIP file may also contain two folders labelled OtherCertifiedArtifacts and SupplementaryArtifacts as described below if the relevant forms of content are to be within the PDDP ZIP file. These folders should not be provided if empty.

### Index File

The Priority Document Index file (hereafter referred to as the Index file) provides the list of documents included in the PDDP ZIP file and any metadata associated with these documents so that receipient Offices can determine the contents of the data package. The Index file must specify the certifying Office, the application number, application filing date, the type of IP right for the priority document which must be one of the following permissible values: 'patent', 'trademark' and 'industrial design'.

The Index file also provides the list of documents which are included in the PDDP ZIP file with respective data elements indicating each document. The CertifiedPriorityDocumentBag indicates the single Certified Priority Document PDF file and other documents which are placed in the OtherCertifiedArtifacts folder if existent. The SupplementaryDocumentBag indicates other relevant documents if provided in the SupplementaryArtifactsfolder. The DocumentDate element for the CertifiedPriorityDocument element represents the date of creation of the Certified Priority Document PDF file.

The Index file is an XML file and must comply with the XML schema (XSD) provided as Annex II of this Standard. A sample Index XML file is provided as the Appendix to Annex II.

### OtherCertifiedArtifacts folder

The OtherCertifiedArtifacts folder contains some other documents, if present, which are a mandatory part of the application, but normally provided as a separate file, for example, a sequence listing for a patent application. In the case of the priority document of a patent application, a sequence listing is the only document type permitted in this folder. The sequence listing should be provided in WIPO Standard ST.26, ST.25 or ST.23 format[[7]](#footnote-8) as originally submitted by the applicant. The content of the sequence listing should preferably not be rendered into PDF format and if it is rendered it should be included in the Certified Priority Document PDF file. For example, the contents of a PDDP ZIP file, containing a priority document with a sequence listing is as follows:

* \OtherCertifiedArtifacts folder

US\_17822338\_20230331\_SequenceListing\_ST26.xml

### SupplementaryArtifacts folder

The intent of adding a SupplementaryArtifactsfolder is to allow the certifying Office to provide other relevant documents, which do not form part of the formal certified priority document itself but that are advantageous for processing the information of the priority document. A document may consist of several files. For example, drawings within a patent application may consist of multiple image files.

The SupplementaryArtifacts folder may consist of several sub-folders where the certifying Office considers it useful to provide these other relevant documents to the recipient Office. The sub-folder should not exist if empty. Folders can be created as needed under SupplementaryArtifacts and/or within the sub-folders considering the file format of the provided documents:

* \SupplementaryArtifacts (folder)
* \XML (folder)[[8]](#footnote-9)
* \Images (folder)
* \DOCX (folder)
* \JSON (folder)
* \ZIP (folder)

The SupplementaryArtifacts folder may be extended with additional sub-folders as determined by the certifying Office as required. For example, a \MP4 sub-folder for multi-media files.

## Naming Conventions

These naming convention rules are necessary to ensure consistency, uniformity and comprehensiveness in the naming of files and defining of all documents transmitted as part of the data package. These include the PDDP ZIP file itself, the Certified Priority Document PDF file and the Index file. Other files, such as the external image files referenced by XML documents do not need to follow these naming conventions.

The Index Schema defined in Annex II to this Standard must follow the naming conventions and rules of WIPO Standard ST.96.

## Filenames

The characters used in the filenames of documents directly referenced in the Index file must belong to the following set: ‘a-z, A-Z, 0-9’, underscore “\_”, and period “.”, where the underscore must only be used as a term separator.

The filename of the PDDP ZIP file must be in the format of:

<IP right type>“\_”<certifying Office ST.3 code >“\_”<application number>“\_”<the filing date in the format of yyyymmdd>.zip and the IP right type must be one of the values of “Patent”, “Trademark” and “IndustrialDesign”.

For example: Patent\_US\_17822338\_20170331.zip would be the filename provided for the patent priority document furnished and certified by the United State Patent and Trademark Office (USPTO) for the patent application, which was filed on March 31, 2017 with an application number of 17822338.

The filename of Priority Document Index file must always be named: “PriorityDocumentIndex.xml”.

The filename for the Certified Priority Document PDF file must be in the format of:

<certifying Office ST.3 Code>“\_”<application number>“\_”<filing date > “\_”PriorityDocument”{“\_”<a unique identifier>}.pdf. The date should be in the format of CCYYMMDD according to WIPO Standard ST.2

For example: US\_17822338\_20170331\_PriorityDocument\_000497.pdf for a priority document which is furnished and certified by the USPTO, the application number of which is 17822338 which was filed on March 31, 2017.

For files relating to documents located within the SupplementaryArtifacts folder, it is recommended that the filename include at least the following components:

<certifying Office ST.3 Code>, <application number>, and <category of document component>“.”<file extension>.

The “category of document component” indicates the type of a component which can be a part of the application or related data to the application. For a patent application, this component could be “ApplicationBody”, “Drawings”, “Classification” or “BibliographicData”.

For example: US\_17822338\_20170331\_BibliographicData.xml for bibliographic data in XML concerning the application of 17822338, which was filed on March 31, 2017, and provided by the USPTO.

# REFERENCES

References to the following Standards and resources are of relevance to this Standard:

WIPO Standard [ST.2](http://www.wipo.int/standards/en/pdf/03-02-01.pdf) Standard manner for designating calendar dates by using Gregorian calendar.

WIPO Standard [ST.3](http://www.wipo.int/standards/en/pdf/03-03-01.pdf) Two-letter codes for the representation of states, other entities and intergovernmental organizations.

WIPO Standard [ST.25](https://www.wipo.int/export/sites/www/standards/en/pdf/03-25-01.pdf) Presentation of nucleotide and amino acid sequence listings

WIPO Standard [ST.26](https://www.wipo.int/export/sites/www/standards/en/pdf/03-26-01.pdf) Presentation of nucleotide and amino acid sequence listings using XML (eXtensible Markup Language)

WIPO Standard [ST.36](https://www.wipo.int/standards/en/pdf/03-36-01.pdf) Processing of Patent documents using XML (eXtensible Markup Language)

WIPO Standard [ST.68](https://www.wipo.int/export/sites/www/standards/en/pdf/03-68-01.pdf) Electronic Management of Sound Marks

WIPO Standard [ST.88](https://www.wipo.int/export/sites/www/standards/en/pdf/03-88-01.pdf) Electronic Representation of Industrial Designs

WIPO Standard [ST.90](https://www.wipo.int/export/sites/www/standards/en/pdf/03-90-01.pdf) Processing and communicating intellectual property data using Web APIs (Application programming interfaces)

WIPO Standard [ST.91](https://www.wipo.int/export/sites/www/standards/en/pdf/03-91-01.pdf) Recommendations on digital three-dimensional (3D) models and 3D images

WIPO Standard [ST.96](https://www.wipo.int/standards/en/pdf/03-96-01.pdf) Processing of intellectual property information using XML (Extensible Markup Language)

WIPO Standard [ST.97](https://www.wipo.int/export/sites/www/standards/en/pdf/03-97-01.pdf) Processing of intellectual property data using JSON

[Annex I follows]

ANNEX I

PRIORITY DOCUMENT EXCHANGE EXAMPLE PACKAGE STRUCTURE

*Proposal presented for consideration by the Committee on WIPO Standards (CWS)*

*at its eleventh session.*

Provided below is a mock-up of a sample priority document data package, PDDP ZIP file, in table format, for Patent\_US\_17822338\_20170331.zip, which describes the package structure including the files and folders which are included within the ZIP file. Comments are provided to further detail each component.

|  |  |  |  |
| --- | --- | --- | --- |
| Patent\_US\_**17822338\_**20170331.zip | |  |  |
| **File/Folder Name** | **File/Folder Name** | **Sub-Level File Name** | **Comment:** |
| **PriorityDocumentIndex.xml** |  |  | Index file |
| **US\_17822338\_20170331\_PriorityDocument\_000497.pdf** |  |  | Certified Priority Document PDF. |
| **\OtherCertifiedArtifacts** |  |  |  |
|  | US\_17822338\_20170331\_  SequenceListing\_ST26.xml |  | Sequence listing complaint with WIPO ST.26 |
| **\SupplementaryArtifacts** | **\XML** | US\_17822338\_20170331\_ApplicationBody.xml | Application body and other related artifacts including the drawings referenced by the specification, bibliographic and classification data |
|  |  | US\_17822338\_20170331\_Abstract.xml |
|  |  | US\_17822338\_20170331\_Description.xml |
|  |  | US\_17822338\_20170331\_Claims.xml |
|  |  | US\_17822338\_20170331\_BibliographicData.xml |  |
|  |  | US\_17822338\_20170331\_ClassificationData.xml |  |
|  |  | US\_17822338\_20170331\_0001.tif | Drawings referenced by the description |
|  |  | US\_17822338\_20170331\_0002.tif | Drawings referenced by the description |
|  | **\Images** | US\_17822338\_20170331\_Drawings.pdf | Image files which are not referenced by the application body or a scanned file that is optionally provided within the data package. |
|  | **\DOCX** | US\_17822338\_20170331\_  Claims.docx | Claims in DOCX format |
|  |  | US\_17822338\_20170331\_  Description.docx | Description in DOCX format |

APPENDIX TO ANNEX I

SAMPLE PACKAGE STRUCTURE (TREE FORMAT)

The following tree structure is an alternative representation of the data presented in the Table shown above in Annex I.

**+---Patent\_US\_17822338\_20170331.zip**

**| PriorityDocumentIndex.xml** //sample index XML file

**| US\_17822338\_20170331\_PriorityDocument\_000497.pdf** //main priority document in PDF format

**|**

**+---OtherCertifiedArtifacts**

**| US\_17822338\_20170331\_SequenceListing\_ST26.xml** //sample WIPO ST. 26 sequence listing

**|**

**\---SupplementaryArtifacts**

**|**

**+---XML**

**| US\_17822338\_20170331\_ApplicationBody.xml** //sample application body in XML

**| US\_17822338\_20170331\_Abstract.xml** //sample abstract in XML

**| US\_17822338\_20170331\_Claims.xml** //sample claims in XML

**| US\_17822338\_20170331\_Description.xml** //sample description in XML

**| US\_17822338\_20170331\_00001.tif** //sample drawing image in TIFF referenced by Description

**| US\_17822338\_20170331\_00002.tif** //sample drawing image in TIFF referenced by Description

**| US\_17822338\_20170331\_BibliographicData.xml** //sample bibliographic data in XML

**| US\_17822338\_20170331\_ClassificationData.xml** //sample classification data in XML

**|**

**+---Images**

| **US\_17822338\_20170331\_Drawings.pdf** //sample drawings file in PDF

**|**

**+---DOCX**

**| US\_17822338\_20170331\_Claims.docx** //sample claims in DOCX

**| US\_17822338\_20170331\_Description.docx** //sample description in DOCX

[Annex II follows]

ANNEX II

XML SCHEMA FOR Priority Document INDEX XML FILES[[9]](#footnote-10)

*Proposal presented for consideration by the Committee on WIPO Standards (CWS)*

*at its eleventh session.*

<?xml version="1.0" encoding="UTF-8"?>

<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:pde="http://www.wipo.int/standards/XMLSchema/PriorityDocumentExchange" xmlns:com="http://www.wipo.int/standards/XMLSchema/ST96/Common" targetNamespace="http://www.wipo.int/standards/XMLSchema/PriorityDocumentExchange" elementFormDefault="qualified" attributeFormDefault="qualified" version="V1\_0">

<xsd:import namespace="http://www.wipo.int/standards/XMLSchema/ST96/Common" schemaLocation="ST96\_Common\_V7\_1.xsd"/>

<xsd:element name="PriorityDocumentIndex" type="pde:PriorityDocumentIndexType">

<xsd:annotation>

<xsd:documentation>Index file for priority document exchange</xsd:documentation>

<xsd:appinfo>

<com:SchemaLastModifiedDate>2023-11-21</com:SchemaLastModifiedDate>

<com:SchemaContactPoint>standards@wipo.int</com:SchemaContactPoint>

</xsd:appinfo>

</xsd:annotation>

</xsd:element>

<xsd:complexType name="PriorityDocumentIndexType">

<xsd:sequence>

<xsd:element ref="pde:IPTypeCategory"/>

<xsd:element ref="pde:ApplicationNumber"/>

<xsd:element ref="pde:ApplicationFilingDate"/>

<xsd:element ref="pde:CertifiedPriorityDocumentBag"/>

<xsd:element ref="pde:SupplementaryDocumentBag" minOccurs="0"/>

</xsd:sequence>

<xsd:attribute ref="com:id"/>

<xsd:attribute ref="com:languageCode" use="required"/>

<xsd:attribute ref="com:creationDate"/>

</xsd:complexType>

<xsd:complexType name="CertifiedPriorityDocumentBagType">

<xsd:sequence>

<xsd:element ref="pde:CertifiedPriorityDocument"/>

<xsd:element ref="pde:OtherCertifiedDocumentBag" minOccurs="0"/>

</xsd:sequence>

<xsd:attribute ref="com:id"/>

</xsd:complexType>

<xsd:element name="ApplicationNumber" type="pde:ApplicationNumberType">

<xsd:annotation>

<xsd:documentation>Numbers used by IPOs in order to identify each application received, where IP Office code is mandatory</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:complexType name="ApplicationNumberType">

<xsd:sequence>

<xsd:element ref="com:IPOfficeCode"/>

<xsd:choice>

<xsd:element ref="com:ST13ApplicationNumber"/>

<xsd:element ref="com:ApplicationNumberText"/>

</xsd:choice>

</xsd:sequence>

</xsd:complexType>

<xsd:element name="CertifiedPriorityDocumentBag" type="pde:CertifiedPriorityDocumentBagType">

<xsd:annotation>

<xsd:documentation>A collection of certified artifacts</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:element name="OtherCertifiedDocumentBag" type="pde:OtherCertifiedDocumentBagType">

<xsd:annotation>

<xsd:documentation>A collection of other Certified artifacts</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:complexType name="OtherCertifiedDocumentBagType">

<xsd:sequence>

<xsd:element ref="pde:CertifiedPriorityDocument" maxOccurs="unbounded"/>

</xsd:sequence>

<xsd:attribute ref="com:id"/>

</xsd:complexType>

<xsd:complexType name="SupplementaryDocumentBagType">

<xsd:sequence>

<xsd:element ref="pde:SupplementaryPriorityDocument" maxOccurs="unbounded"/>

</xsd:sequence>

<xsd:attribute ref="com:id"/>

</xsd:complexType>

<xsd:element name="SupplementaryDocumentBag" type="pde:SupplementaryDocumentBagType">

<xsd:annotation>

<xsd:documentation>A collection of supplementary artifacts</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:element name="OtherCertifiedDocument" type="pde:CertifiedPriorityDocumentType">

<xsd:annotation>

<xsd:documentation>Other certified document other than the certified priority document in PDF</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:element name="SupplementaryPriorityDocument" type="pde:SupplementaryPriorityDocumentType">

<xsd:annotation>

<xsd:documentation>Supplementary artifact of priority document</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:element name="CertifiedPriorityDocument" type="pde:CertifiedPriorityDocumentType">

<xsd:annotation>

<xsd:documentation>Certified priority document in PDF format</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:complexType name="CertifiedPriorityDocumentType">

<xsd:sequence>

<xsd:element ref="com:DocumentName"/>

<xsd:element ref="com:FileName"/>

<xsd:element ref="com:DocumentLocationURI"/>

<xsd:element ref="pde:PriorityDocumentStatusCategory" minOccurs="0"/>

<xsd:element ref="com:DocumentFormatCategory" minOccurs="0"/>

<xsd:element ref="pde:PriorityDocumentComponentCategory" minOccurs="0"/>

<xsd:element ref="com:DocumentDate" minOccurs="0"/>

<xsd:element ref="com:DocumentVersion" minOccurs="0"/>

<xsd:element ref="com:DocumentSizeQuantity" minOccurs="0"/>

<xsd:element ref="com:PageTotalQuantity" minOccurs="0"/>

<xsd:element ref="com:CommentText" minOccurs="0"/>

</xsd:sequence>

<xsd:attribute ref="com:id"/>

<xsd:attribute ref="com:sequenceNumber"/>

<xsd:attribute ref="com:languageCode"/>

</xsd:complexType>

<xsd:simpleType name="PriorityDocumentStatusCategoryType">

<xsd:restriction base="xsd:token">

<xsd:enumeration value="As Filed">

<xsd:annotation>

<xsd:documentation>The document is identified the same as filed</xsd:documentation>

</xsd:annotation>

</xsd:enumeration>

<xsd:enumeration value="Legal Copy">

<xsd:annotation>

<xsd:documentation>The document is identified as the legal copy</xsd:documentation>

</xsd:annotation>

</xsd:enumeration>

</xsd:restriction>

</xsd:simpleType>

<xsd:element name="PriorityDocumentStatusCategory" type="pde:PriorityDocumentStatusCategoryType">

<xsd:annotation>

<xsd:documentation>Indicates whether a priority document is as filed or considered to be the legal copy</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:complexType name="SupplementaryPriorityDocumentType">

<xsd:sequence>

<xsd:element ref="com:DocumentName"/>

<xsd:choice>

<xsd:element ref="com:FileName"/>

<xsd:element ref="com:FileNameBag"/>

</xsd:choice>

<xsd:element ref="com:DocumentLocationURI"/>

<xsd:element ref="pde:PriorityDocumentStatusCategory" minOccurs="0"/>

<xsd:element ref="com:DocumentFormatCategory" minOccurs="0"/>

<xsd:element ref="pde:PriorityDocumentComponentCategory" minOccurs="0"/>

<xsd:element ref="com:DocumentDate" minOccurs="0"/>

<xsd:element ref="com:DocumentVersion" minOccurs="0"/>

<xsd:element ref="com:DocumentSizeQuantity" minOccurs="0"/>

<xsd:element ref="com:PageTotalQuantity" minOccurs="0"/>

<xsd:element ref="com:CommentText" minOccurs="0"/>

</xsd:sequence>

<xsd:attribute ref="com:id"/>

<xsd:attribute ref="com:sequenceNumber"/>

<xsd:attribute ref="com:languageCode"/>

</xsd:complexType>

<xsd:element name="IPTypeCategory" type="pde:IPTypeCategoryType">

<xsd:annotation>

<xsd:documentation>Describes the filing type of application i.e., Patent, Trademark and Industrial Design</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:simpleType name="IPTypeCategoryType">

<xsd:restriction base="xsd:token">

<xsd:enumeration value="Patent">

<xsd:annotation>

<xsd:documentation>Patent includes such industrial property rights as patents for inventions, plant patents, design patents, inventor's certificates, utility certificates, utility models, patents of addition, inventor's certificates of addition and utility certificates of addition.</xsd:documentation>

</xsd:annotation>

</xsd:enumeration>

<xsd:enumeration value="Trademark">

<xsd:annotation>

<xsd:documentation>Trademarks means a sign or combination of signs which distinguishes the goods or services of one undertaking from those of other undertakings. Signs may consist of one or more distinctive words, letters, numbers, drawings or pictures, symbols, colours, sounds, the form or other special presentation of containers or packages for a product (provided it is not solely dictated by their function) or other aspects depending on the jurisdiction. </xsd:documentation>

</xsd:annotation>

</xsd:enumeration>

<xsd:enumeration value="Industrial Design">

<xsd:annotation>

<xsd:documentation>Industrial design means the visual aspect of an object, including its two-dimensional and three-dimensional features of shape and surface of objects, and thus covers both concepts of designs and models where a distinction is made between the former and the latter; the term industrial designs does not include design patents.</xsd:documentation>

</xsd:annotation>

</xsd:enumeration>

</xsd:restriction>

</xsd:simpleType>

<xsd:element name="PriorityDocumentComponentCategory" type="xsd:token">

<xsd:annotation>

<xsd:documentation>A category which identifies the component of a priority document, such as the application body of a patent application or the sound file of a trademark application</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:element name="ApplicationFilingDate" type="com:DateType">

<xsd:annotation>

<xsd:documentation>The filing date of the application</xsd:documentation>

</xsd:annotation>

</xsd:element>

</xsd:schema>

[Appendix to Annex II follows]

APPENDIX TO ANNEX II

EXAMPLE PATENT PRIORITY DOCUMENT INDEX FILE

*Proposal presented for consideration by the Committee on WIPO Standards (CWS)*

*at its eleventh session.*

<?xml version="1.0" encoding="UTF-8"?>

<pde:PriorityDocumentIndex xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:pde="http://www.wipo.int/standards/XMLSchema/PriorityDocumentExchange" xmlns:com="http://www.wipo.int/standards/XMLSchema/ST96/Common" com:languageCode="en" xsi:schemaLocation="http://www.wipo.int/standards/XMLSchema/PriorityDocumentExchange PriorityDocumentIndex\_V1\_0.xsd">

<pde:IPTypeCategory>Patent</pde:IPTypeCategory>

<pde:ApplicationNumber>

<com:IPOfficeCode>US</com:IPOfficeCode>

<com:ApplicationNumberText>17822338</com:ApplicationNumberText>

</pde:ApplicationNumber>

<pde:ApplicationFilingDate>2017-03-31</pde:ApplicationFilingDate>

<pde:CertifiedPriorityDocumentBag>

<pde:CertifiedPriorityDocument>

<com:DocumentName>Certified Priority Document</com:DocumentName>

<com:FileName>US\_17822338\_20170331\_PriorityDocument\_000497.pdf</com:FileName>

<com:DocumentLocationURI>/</com:DocumentLocationURI>

<com:DocumentFormatCategory>PDF</com:DocumentFormatCategory>

<pde:PriorityDocumentComponentCategory>Certified priority document</pde:PriorityDocumentComponentCategory>

<com:DocumentDate>2022-06-24</com:DocumentDate>

<com:PageTotalQuantity>6</com:PageTotalQuantity>

</pde:CertifiedPriorityDocument>

<pde:OtherCertifiedDocumentBag>

<pde:CertifiedPriorityDocument>

<com:DocumentName>Sequence Listing</com:DocumentName>

<com:FileName>US\_17822338\_20170331\_SequenceListing\_ST26.xml</com:FileName>

<com:DocumentLocationURI>OtherCertifiedArtifacts/</com:DocumentLocationURI>

<pde:PriorityDocumentStatusCategory>Legal Copy</pde:PriorityDocumentStatusCategory>

<com:DocumentFormatCategory>XML</com:DocumentFormatCategory>

<pde:PriorityDocumentComponentCategory>Sequence listing</pde:PriorityDocumentComponentCategory>

<com:DocumentDate>2017-03-31</com:DocumentDate>

</pde:CertifiedPriorityDocument>

</pde:OtherCertifiedDocumentBag>

</pde:CertifiedPriorityDocumentBag>

<pde:SupplementaryDocumentBag>

<pde:SupplementaryPriorityDocument>

<com:DocumentName>ApplicationBody</com:DocumentName>

<com:FileName>US\_17822338\_20170331\_ApplicationBody.xml</com:FileName>

<com:DocumentLocationURI>SupplementaryArtifacts/XML/</com:DocumentLocationURI>

<pde:PriorityDocumentStatusCategory>Legal Copy</pde:PriorityDocumentStatusCategory>

<com:DocumentFormatCategory>XML</com:DocumentFormatCategory>

<pde:PriorityDocumentComponentCategory>Application body</pde:PriorityDocumentComponentCategory>

</pde:SupplementaryPriorityDocument>

<pde:SupplementaryPriorityDocument>

<com:DocumentName>Abstract</com:DocumentName>

<com:FileName>US\_17822338\_20170331\_Abstract.xml</com:FileName>

<com:DocumentLocationURI>SupplementaryArtifacts/XML/</com:DocumentLocationURI>

<pde:PriorityDocumentStatusCategory>As Filed</pde:PriorityDocumentStatusCategory>

<com:DocumentFormatCategory>XML</com:DocumentFormatCategory>

<pde:PriorityDocumentComponentCategory>Abstract</pde:PriorityDocumentComponentCategory>

</pde:SupplementaryPriorityDocument>

<pde:SupplementaryPriorityDocument>

<com:DocumentName>Description</com:DocumentName>

<com:FileName>US\_17822338\_20170331\_Description.xml</com:FileName>

<com:DocumentLocationURI>SupplementaryArtifacts/XML/</com:DocumentLocationURI>

<com:DocumentFormatCategory>XML</com:DocumentFormatCategory>

<pde:PriorityDocumentComponentCategory>Description</pde:PriorityDocumentComponentCategory>

</pde:SupplementaryPriorityDocument>

<pde:SupplementaryPriorityDocument>

<com:DocumentName>Drawings</com:DocumentName>

<com:FileNameBag>

<com:FileName>US\_17822338\_20170331\_00001.tif</com:FileName>

<com:FileName>US\_17822338\_20170331\_00002.tif</com:FileName>

</com:FileNameBag>

<com:DocumentLocationURI>SupplementaryArtifacts/XML/</com:DocumentLocationURI>

<com:DocumentFormatCategory>TIFF</com:DocumentFormatCategory>

<pde:PriorityDocumentComponentCategory>Drawing</pde:PriorityDocumentComponentCategory>

</pde:SupplementaryPriorityDocument>

<pde:SupplementaryPriorityDocument>

<com:DocumentName>Claims</com:DocumentName>

<com:FileName>US\_17822338\_20170331\_Claims.xml</com:FileName>

<com:DocumentLocationURI>SupplementaryArtifacts/XML/</com:DocumentLocationURI>

<com:DocumentFormatCategory>XML</com:DocumentFormatCategory>

<pde:PriorityDocumentComponentCategory>Claims</pde:PriorityDocumentComponentCategory>

</pde:SupplementaryPriorityDocument>

<pde:SupplementaryPriorityDocument>

<com:DocumentName>Bibliographic Data</com:DocumentName>

<com:FileName>US\_17822338\_20170331\_BibliographicData.xml</com:FileName>

<com:DocumentLocationURI>SupplementaryArtifacts/XML/</com:DocumentLocationURI>

<com:DocumentFormatCategory>XML</com:DocumentFormatCategory>

<pde:PriorityDocumentComponentCategory>Bibliographic data</pde:PriorityDocumentComponentCategory>

</pde:SupplementaryPriorityDocument>

<pde:SupplementaryPriorityDocument>

<com:DocumentName>Classification Data</com:DocumentName>

<com:FileName>US\_17822338\_20170331\_ClassificationData.xml</com:FileName>

<com:DocumentLocationURI>SupplementaryArtifacts/XML/</com:DocumentLocationURI>

<com:DocumentFormatCategory>XML</com:DocumentFormatCategory>

<pde:PriorityDocumentComponentCategory>Classification data</pde:PriorityDocumentComponentCategory>

</pde:SupplementaryPriorityDocument>

<pde:SupplementaryPriorityDocument>

<com:DocumentName>Drawings</com:DocumentName>

<com:FileName>US\_17822338\_20170331\_Drawings.pdf</com:FileName>

<com:DocumentLocationURI>SupplementaryArtifacts/Images/</com:DocumentLocationURI>

<com:DocumentFormatCategory>PDF</com:DocumentFormatCategory>

<pde:PriorityDocumentComponentCategory>Drawing</pde:PriorityDocumentComponentCategory>

</pde:SupplementaryPriorityDocument>

<pde:SupplementaryPriorityDocument>

<com:DocumentName>Claims</com:DocumentName>

<com:FileName>US\_17822338\_20170331\_Claims.docx</com:FileName>

<com:DocumentLocationURI>SupplementaryArtifacts/DOCX/</com:DocumentLocationURI>

<com:DocumentFormatCategory>MS Word</com:DocumentFormatCategory>

<pde:PriorityDocumentComponentCategory>Claims</pde:PriorityDocumentComponentCategory>

</pde:SupplementaryPriorityDocument>

<pde:SupplementaryPriorityDocument>

<com:DocumentName>Description</com:DocumentName>

<com:FileName>US\_17822338\_20170331\_Description.docx</com:FileName>

<com:DocumentLocationURI>SupplementaryArtifacts/DOCX/</com:DocumentLocationURI>

<com:DocumentFormatCategory>MS Word</com:DocumentFormatCategory>

<pde:PriorityDocumentComponentCategory>Description</pde:PriorityDocumentComponentCategory>

</pde:SupplementaryPriorityDocument>

</pde:SupplementaryDocumentBag>

</pde:PriorityDocumentIndex>

[End of Annex II and of Standard]

[附件和文件完]

1. See paragraph 9 of document [A/40/6](https://www.wipo.int/edocs/mdocs/govbody/en/a_40/a_40_6.pdf) [↑](#footnote-ref-2)
2. https://www.winzip.com/en/ [↑](#footnote-ref-3)
3. https://www.7-zip.org/ [↑](#footnote-ref-4)
4. See WIPO Standard ST.26 [↑](#footnote-ref-5)
5. See WIPO Standard ST.68 [↑](#footnote-ref-6)
6. See WIPO Standards ST.88 and ST.91 [↑](#footnote-ref-7)
7. All patent applications filed on or after July 1, 2022 disclosing amino acid and nucleotide sequences must contain an ST.26 XML compliant sequence listing. Any sequence listing furnished in respect of any applications filed before that date should still comply with WIPO Standards ST.25 or ST.23. [↑](#footnote-ref-8)
8. The XML folder may contain contents that are not XML files but in that case these contents must be referenced from the XML files provided in that folder. For example, TIFF image files that are not referenced in the XML instances provided must be provided in the Images folder. [↑](#footnote-ref-9)
9. Note: This XML Schema (XSD) is based on version 7.1 of WIPO Standard ST.96. [↑](#footnote-ref-10)