

## Комитет по стандартам ВОИС (КСВ)

Одиннадцатая сессия  
Женева, 4–8 декабря 2023 года

### ПРЕДЛОЖЕНИЕ О РАЗРАБОТКЕ НОВОГО СТАНДАРТА ВОИС ПО ФОРМАТУ ПАКЕТОВ ДАННЫХ ДЛЯ ЭЛЕКТРОННОГО ОБМЕНА ПРИОРИТЕТНЫМИ ДОКУМЕНТАМИ И ЗАВЕРЕННЫМИ КОПИЯМИ

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#### РЕЗЮМЕ

1. Целевая группа по цифровому преобразованию представляет окончательный проект нового стандарта ВОИС о цифровом пакете заверенных приоритетных документов для рассмотрения и принятия на одиннадцатой сессии Комитета по стандартам ВОИС (КСВ).

#### СПРАВОЧНАЯ ИНФОРМАЦИЯ

2. На своей десятой сессии КСВ одобрил добавление задачи № 65, которая была предложена после того, как Рабочая группа по Договору о патентной кооперации (РСТ) на своей пятнадцатой сессии рекомендовала КСВ разработать новый стандарт ВОИС для обеспечения возможности передачи перечней последовательностей в формате стандарта ВОИС ST.26 в составе приоритетных документов и заверенных копий. Эта задача была возложена на Целевую группу по цифровому преобразованию, задача имеет следующее описание:

«Подготовить предложение, касающееся рекомендаций в отношении формата пакетов данных для электронного обмена приоритетными документами и заверенными копиями по патентам, знакам и промышленным образцам».

3. В целях выполнения данной задачи Целевая группа по цифровому преобразованию проводила встречи в режиме онлайн и обсуждения на вики-форуме Целевой группы. Дополнительные сведения о подготовительной работе Целевой группы содержатся в документе CWS/11/11.

#### ПРЕДЛОЖЕНИЕ ПО НОВОМУ СТАНДАРТУ

4. В настоящее время ведомства интеллектуальной собственности (ВИС) ищут способ передачи приоритетных документов, содержащих перечень последовательностей в формате XML стандарта ВОИС ST.26, по запросу в исходном формате. После вступления в силу стандарта ВОИС ST.26 было найдено несколько решений, среди которых использование таблиц стилей для создания удобочитаемой версии XML-документа в формате PDF.

5. В предлагаемом проекте стандарта, содержащемся в приложении к настоящему документу, рекомендуется формат пакета данных для электронного обмена приоритетными документами, но намеренно не раскрываются детали, касающиеся способа передачи пакета данных.

#### Цели

6. Настоящий стандарт призван предоставить рекомендации относительно формата пакета данных для электронного обмена приоритетными документами и другими сопутствующими документами в соответствии с:

- статьей 4D (3) Парижской конвенции по охране промышленной собственности, которая разрешает странам Союза требовать от лица, подающего заявление о приоритете, представления копии ранее поданной заявки на регистрацию объекта промышленной собственности; и
- достигнутым Ассамблеями Парижского союза и Союза РСТ в 2004 году пониманием<sup>1</sup>, согласно которому, помимо прочего, компетентный орган, предоставляющий приоритетный документ, определяет, что представляет собой заверение приоритетного документа, какова дата подачи и каким образом он будет заверять такой документ.

7. Данный предлагаемый стандарт призван определить формат и структуру пакета, обязательное содержание пакета, а также правила именования файлов, содержащихся в пакете. Настоящий стандарт преследует следующие цели:

- обеспечение эффективного стандартизированного обмена заверенными приоритетными документами и другими сопутствующими документами, касающимися заявок на патенты, товарные знаки и промышленные образцы;
- поддержка межмашинного обмена этими приоритетными документами и обеспечение возможности их дальнейшей автоматизированной обработки; и
- улучшение процедуры обработки документов путем обмена файлами в форматах со структурированным текстом, например: перечни последовательностей, содержащиеся в патентной документации в формате XML стандарта ВОИС ST.26, а также основная часть заявки и библиографические данные в форматах стандартов ВОИС ST.36, ST.96 и ST.97.

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<sup>1</sup> См. пункт 9 документа [A/40/6](#).

### Область действия

8. Стандарт не содержит инструкций относительно способа передачи, используемого для целей обмена. Скорее, он определяет тип данных и форматы файлов, которые должны быть включены в пакет, структуру этого пакета и правила именования. За исключением компонентов, указанных в качестве обязательных в соответствии с рекомендациями, решение о том, что должно быть включено в такой пакет данных, принимает удостоверяющее ведомство.

9. Предлагаемый стандарт имеет следующую структуру:

- Основная часть: определяет структуру пакета данных и правила именования.
- Приложение I: содержит макет образца пакета данных приоритетного документа в формате таблицы, а в дополнении к приложению I приводится та же самая информация в формате с древовидной структурой; и
- Приложение II: содержит определение XML-схемы для индексных файлов приоритетных документов, а в дополнении к приложению II в качестве примера приводится XML-экземпляр.

10. Предлагается следующее название нового стандарта ВОИС:

«Стандарт ВОИС ST.92: Рекомендации в отношении формата пакетов данных для электронного обмена приоритетными документами и заверенными копиями».

### ВНЕДРЕНИЕ НОВОГО СТАНДАРТА ВОИС

11. После того как КСВ примет предложенный новый стандарт ВОИС, ВИС должны рассмотреть вопрос о внедрении данного стандарта. Руководитель Целевой группы и Международное бюро предлагают применить поэтапный подход с установлением крайнего срока — конца 2025 года, что позволит каждому ВИС завершить внедрение нового стандарта в подходящем темпе. Предлагается, чтобы ВИС принимали и предоставляли приоритетные документы, соответствующие только настоящему стандарту, начиная с 1 января 2026 года.

12. Что касается внедрения стандарта в рамках Службы цифрового доступа (DAS) ВОИС, Международное бюро планирует начать принимать и предоставлять приоритетные документы, соответствующие новому стандарту, с 1 июля 2024 года параллельно с текущим форматом, однако данный переход будет завершен к концу 2025 года. Начиная с 1 января 2026 года DAS ВОИС планирует принимать и предоставлять приоритетные документы только в соответствии с настоящим стандартом с учетом установленного крайнего срока, предлагаемого в пункте 11 выше. Дальнейшие технические детали внедрения предлагаемого стандарта в рамках DAS ВОИС должны обсуждаться отдельно между участвующими в работе этой службы ВИС.

### ПРЕДЛОЖЕНИЕ О ПЕРЕСМОТРЕ ЗАДАЧИ № 65

13. После того как предложенный новый стандарт в отношении пакетов данных заверенных приоритетных документов будет принят КСВ, задачу № 65 следует считать выполненной, а Целевую группу по цифровому преобразованию — успешно завершившей свою работу над этой задачей. При внедрении нового стандарта ВИС может потребоваться внесение некоторых усовершенствований в стандарт ВОИС ST.92. В связи с этим предлагается изменить описание задачи № 65 следующим образом:

«Обеспечить до конца 2025 года необходимый пересмотр и обновление стандарта ВОИС ST.92 и поддержку ведомствам ИС во внедрении данного стандарта».

14. КСВ предлагается:

(a) принять к сведению информацию, содержащуюся в настоящем документе и приложении к нему;

(b) рассмотреть и одобрить название предлагаемого стандарта: «Стандарт ВОИС ST.92: Рекомендации в отношении формата пакетов данных для электронного обмена приоритетными документами и заверенными копиями», указанное в пункте 10 выше;

(c) рассмотреть и утвердить новый стандарт ВОИС ST.92, представленный в пунктах 8 и 9 выше и содержащийся в приложении к настоящему документу;

(d) рассмотреть и одобрить план внедрения, указанный в пунктах 11 и 12 выше; и

(e) рассмотреть и одобрить пересмотренное описание задачи № 65, указанное в пункте 13 выше.

[Приложение следует]

**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.*

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## 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

1. 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 certified and 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.
2. The agreed understanding by the Assemblies of the Paris Union and the Patent Cooperation Treaty (PCT) Union in 2004<sup>1</sup> indicates *inter alia* 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. Nevertheless, there is a need to ensure that the Office where a later application is filed is able to read and use those documents efficiently.
3. 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

4. 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, 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.
  - “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 IP Office which furnished and certified the priority document.
  - “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.
5. The following notations are used throughout this document:
  - <>: Indicates a placeholder descriptive term that, in implementation, will be replaced with a specific instance value.

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<sup>1</sup> See paragraph 9 of document [A/40/6](#)

- “ ”: 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

6. 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

7. 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 ZIP file must be able to be decompressed by commonly used software for example WinZip<sup>2</sup>, 7-Zip<sup>3</sup>, or Unix/Linux Zip; deflation with normal compression option and must not be password protected or encrypted.

8. 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 according to international, regional, or national laws.

9. 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 such as a sequence listing for a patent application if existent. 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*

10. 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 ZIP file. These folders should not be provided if empty.

### Index File

11. The Priority Document Index file (hereafter referred to as the Index file) provides the list of documents included in the PDDP and any metadata associated with these documents so that recipient Offices can determine the contents of the data package. The Index file must include 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'.

12. 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 `SupplementaryArtifacts` folder. The `DocumentDate` element for the `CertifiedPriorityDocument` element represents the date of creation of the Certified Priority Document PDF file.

13. 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.

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<sup>2</sup> <https://www.winzip.com/en/>

<sup>3</sup> <https://www.7-zip.org/>



#### OtherCertifiedArtifacts folder

14. 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 a patent priority document, 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<sup>4</sup> 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, containing a priority document with a sequence listing is as follows:

```
- \--OtherCertifiedArtifacts folder
    | US_17822338_20230331_SequenceListing_ST26.xml
```

#### SupplementaryArtifacts folder

15. The intent of adding a `SupplementaryArtifacts` folder 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.

16. 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)
    o /XML (folder)5
    o /Images (folder)
    o /DOCX (folder)
    o /JSON (folder)
    o /ZIP (folder)
```

17. 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*

18. 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 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.

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

#### *Filenames*

20. 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.

21. 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 yyyyymmdd> .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.

22. The filename of Priority Document Index file must always be named: "PriorityDocumentIndex".xml.

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<sup>4</sup> 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.

<sup>5</sup> 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.

For example: `PriorityDocumentIndex.xml` for an index file for transmitting a priority document.

23. The filename for the Certified Priority Document PDF file must be in the format of:  
<certifying Office ST.3 Code>“\_”<application number>“\_”<filing date >“\_”<certification 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_20220624_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 and the document was certified on June 24, 2022.

24. For the primary files of 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 such as ‘application body’, ‘drawings’, ‘classification’ or ‘bibliographic data’ for a patent application.

For example: `US_17822338_20170331_BibliographicData.xml` for bibliographic data in XML concerning the application of 17822338 provided by the USPTO.

REFERENCES

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

WIPO Standard <a href="#">ST.2</a>	Standard manner for designating calendar dates by using Gregorian calendar.
WIPO Standard <a href="#">ST.3</a>	Two-letter codes for the representation of states, other entities and intergovernmental organizations.
WIPO Standard <a href="#">ST.25</a>	Presentation of nucleotide and amino acid sequence listings
WIPO Standard <a href="#">ST.26</a>	Presentation of nucleotide and amino acid sequence listings using XML (eXtensible Markup Language)
WIPO Standard <a href="#">ST.36</a>	Processing of Patent documents using XML (eXtensible Markup Language)
WIPO Standard <a href="#">ST.90</a>	Processing and communicating intellectual property data using Web APIs (Application programming interfaces)
WIPO Standard <a href="#">ST.96</a>	Processing of intellectual property information using XML (Extensible Markup Language)
WIPO Standard <a href="#">ST.97</a>	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 further provided to further detail each component.

Patent_US_17822338_20170331.zip			
File/Folder Name	File/Folder Name	Sub-Level File Name	Comment:
PriorityDocumentIndex.xml			
US_17822338_20170331_20220624_PriorityDocument_000497.pdf			Certified Priority Document PDF.
<b>/OtherCertifiedArtifacts</b>			
	US_17822338_20170331_SequenceListing_ST26.xml		Sequence listing (ST.26, ST.25, ST.23 in XML, TXT, ZIP, or PDF) plus, optional stylesheets.
<b>/SupplementaryArtifacts</b>	<b>/XML</b>	US_17822338_20170331_ApplicationBody.xml	Application body plus related artifacts such as stylesheet, and XSD. Note that external entities referenced by the XML instances should also be located in this folder.
		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
	<b>/Images</b>	US_17822338_20170331_Drawings.pdf	Image file types such as .TIF, .PNG, .JPG, .SVG, PDF which are not referenced by the specification. For example, if a scanned file is included within the data package.
	<b>/DOCX</b>	US_17822338_20170331_Claims.docx	Claims in DOCX format
		US_17822338_20170331_Description.docx	Description in DOCX format
	<b>/JSON</b>		Application Body in JSON format
	<b>/ZIP</b>		Other ZIP content an IP Office chooses to include.

## 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_20220624_PriorityDocument_000497.pdf //main priority document in PDF format
|
+---OtherCertifiedArtifacts
|   US_17822338_20170331_SequenceListing_ST26.xml //sample ST. 26 sequence listing xml
|
\---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 tif referenced by Description
| US_17822338_20170331_00002.tif //sample drawing image in tif 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 images in pdf
|
+---DOCX
| US_17822338_20170331_Claims.docx //sample claims in docx
| US_17822338_20170331_Description.docx //sample description in docx
|
+---JSON
\---ZIP //empty (Note: this folder will not exist if empty)
```

[Annex II follows]

## ANNEX II

### XML SCHEMA FOR PRIORITY DOCUMENT INDEX XML FILES

*Proposal presented for consideration by the Committee on WIPO Standards (CWS)  
at its eleventh session.*

Note: This XML Schema (XSD) is based on version 7.1<sup>1</sup> of WIPO Standard ST.96.

```
<?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:annotation>
  </xsd:element>
  <xsd:complexType name="PriorityDocumentIndexType">
    <xsd:sequence>
      <xsd:element ref="pde:IPTypeCategory"/>
      <xsd:element ref="com:IPOfficeCode"/>
      <xsd:element ref="com: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="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>
```

<sup>1</sup> <https://www.wipo.int/export/sites/www/standards/en/pdf/03-96-01.pdf>

```

                <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="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: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="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:sequence>
        </xsd:complexType>
    </xsd:sequence>
</xsd:element>

```

```

        <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

### EXAMPLE PATENT PRIORITY DOCUMENT INDEX FILE

*Proposal presented for consideration by the Committee on WIPO Standards (CWS)  
at its eleventh session.*

#### Sample index file

```
<?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>
  <com:IPOfficeCode>US</com:IPOfficeCode>
  <com:ApplicationNumber>
    <com:ApplicationNumberText>17822338</com:ApplicationNumberText>
  </com:ApplicationNumber>
  <pde:ApplicationFilingDate>2017-03-31</pde:ApplicationFilingDate>
  <pde:CertifiedPriorityDocumentBag>
    <pde:CertifiedPriorityDocument>
      <com:DocumentName>Certified Priority Document</com:DocumentName>
      <com:FileName>US_17822338_20170331_20220624_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>OtherCoreArtifacts/</com:DocumentLocationURI>
        <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>
      <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>
      <com:DocumentFormatCategory>XML</com:DocumentFormatCategory>
    </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:SupplementaryPriorityDocument>
  </pde:SupplementaryDocumentBag>
</pde:PriorityDocumentIndex>
```

```
ry>
  <pde:PriorityDocumentComponentCategory>Description</pde:PriorityDocumentComponentCatego
    </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>
    </pde:SupplementaryPriorityDocument>
    <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>
  </pde:SupplementaryPriorityDocument>
  <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>
  </pde:SupplementaryPriorityDocument>
  <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>
  </pde:SupplementaryPriorityDocument>
  <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>
  </pde:SupplementaryPriorityDocument>
  <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>
  </pde:SupplementaryPriorityDocument>
  <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>
  </pde:SupplementaryPriorityDocument>
  <com:DocumentLocationURI>SupplementaryArtifacts/DOCX</com:DocumentLocationURI>
  <com:DocumentFormatCategory>MS Word</com:DocumentFormatCategory>
  <pde:PriorityDocumentComponentCategory>Description</pde:PriorityDocumentComponentCatego
ry>
  </pde:SupplementaryPriorityDocument>
</pde:SupplementaryDocumentBag>
</pde:PriorityDocumentIndex>
```

[Конец приложения и документа]