

CWS/7/17

الأصل: بالإنكليزية

التاريخ: 16 مايو 2019

اللجنة المعنية بمعايير الويبو

الدورة السابعة

جنيف، من 1 إلى 5 يوليو 2019

مراجعة معيار الويبو ST.37

وثيقة من إعداد المكتب الدولي

مقدمة

1. في دورتها الخامسة، التي عقدت عام 2017، اعتمدت اللجنة المعنية بمعايير الويبو (لجنة المعايير) معيار الويبو الجديد ST.37 – "توصية بشأن ملف الإدارة فيما يخص وثائق البراءات المنشورة" والملاحظة التحريرية التالية من المكتب الدولي:

"تعكف فرقة العمل المعنية بملف الإدارة، حالياً، على إعداد المرفقين الثالث والرابع لهذا المعيار، اللذين يُجَدِّدان مخطط لغة الترميز الموسعة (XSD) وتعريف نوع البيانات (DTD). ومن المقرر عرض هذين المرفقين على اللجنة المعنية بمعايير الويبو (لجنة المعايير) لتنظر فيها وتعتمدهما في دورتها السادسة في عام 2018."

"وإلى أن تعتمد لجنة المعايير المرفقين المذكورين، فإن النسق الوحيد الموصى به لأغراض هذا المعيار هو النسق النصي."

(انظر الفقرتين 60 و61 من الوثيقة CWS/5/22).

2. وفي دورتها السادسة التي عقدت عام 2018، وافقت لجنة المعايير على معيار الويبو ST.37 المنقح على أساس الاقتراح المقدم من فرقة العمل المعنية بملف الإدارة (AFTF)، وتضمن الاقتراح المرفقين الجديدين الثالث – مخطط لغة

الترميز الموسعة (XSD) والرابع – تعريف نوع البيانات (DTD) (انظر الوثيقة CWS/6/19 والفقرتين 122 و123 من الوثيقة CWS/6/34). ونتيجة لموافقة لجنة المعايير على المراجعة المذكورة، والمرفقين المقترحين الجديدين، في الدورة السادسة، حدّث وصف المهمة رقم 51 ليرتبط مباشرة بإدارة المعيار (انظر الوثيقة CWS/6/18).

3. وفي دورتها السادسة التي عقدت عام 2018، وافقت لجنة المعايير أيضاً على حذف "ملاحظة تحريرية من المكتب الدولي" والوصف المنقح للمهمة رقم 51 "ضمان المراجعات والتحديثات اللازمة لمعيار الويبو ST.37".

ملخص النسخة المراجعة المقترحة

4. في إطار المهمة رقم 51، أعدّ المكتب الدولي، بالتشاور مع أعضاء فرقة العمل المعنية بملف الإدارة، اقتراحاً بمراجعة معيار الويبو ST.37. ويرد تلخيص للتغييرات المقترحة أدناه. ويعرض مزيد من التفاصيل في مرفق هذه الوثيقة.

5. يمكن تلخيص التغييرات المقترحة لمعيار الويبو ST.37 على النحو التالي:

(أ) تعديل الفقرة 9(ج) من النص الرئيسي للمعيار ST.37، لحذف الإشارة إلى رمز نوع المستند فيما يخص عنصر تعريف الطلب. والهدف هو توضيح أن رمز نوع المستند لهذا العنصر هو أمر اختياري. وفيما يلي نص الفقرة 9(ج) المعدلة مؤخراً لمعيار الويبو ST.37:

9(c) application identification of the corresponding publication, which should contain the following sub-elements:

- v. two-letter alphabetic code of the IPO publishing the application;
- vi. application number;
- vii. ~~kind of document code;~~ and
- viii. filing date.

(ب) مراجعة كاملة لجميع الوثائق المدرجة في المرفق الثالث – مخطط لغة الترميز الموسعة (XSD). وقد ذكرت ردود الفعل الواردة من مكاتب الملكية الفكرية التي وصلت خلال المرحلة الأولى من نشر مجموعات بيانات ملف الإدارة، أن هناك حاجة إلى مزيد من الوصف لفهم غرض هذه الحقول. ويرد المرفق الثالث المقترح مؤخراً لمعيار الويبو ST.37 كمرفق لهذه الوثيقة؛

(ج) تعديل الملحق المرفقين الثالث والرابع لمعيار الويبو ST.37 يقدم المزيد من التوضيحات بشأن كيفية إجراء التجميع ضمن أمثلة ملف الإدارة. وتشير الأمثلة الحالية، لكل من مخطط لغة الترميز الموسعة (XSD) وتعريف نوع البيانات (DTD) إلى عدم وجود تجميع، ولكنها تشير أيضاً في نفس العنوان إلى أن التجميع يجري بحسب رمز نوع المستند. ويُقترح إزالة الإشارة إلى حقل <group-category> من كلا الملحقين؛

(د) إعادة تسمية (PriorityClaimType) و(PriorityClaimType) الواردين في المرفق الثالث – مخطط لغة الترميز الموسعة (XSD) ليصبحا (PriorityApplicationIdentificationType) و(PriorityApplicationIdentificationType) على التوالي. وهذا لضمان عدم وجود أي لبس حول استخدام هذا العنصر ولضمان التوافق مع الفقرة 9(ب) من الهيكل الرئيسي لمعيار الويبو ST.37 (انظر مرفق هذه الوثيقة)؛

(هـ) استبدال الإشارة إلى عنصر (AdditionalComment) داخل المخطط الحالي (المرفق الثالث) بعبارة (com:CommentTex)، وهو أحد عناصر معيار الويبو ST.96. ويجب على جميع مخططات XML إعادة استخدام أي مكونات وجيهة من المعيار ST.96 لأفضلية إنشاء عنصر جديد (انظر مرفق هذه الوثيقة).

6. ويقترح المكتب الدولي أيضاً تقديم محتوى ملحقي المرفقين الثالث والرابع للمعيار ST.37، وهما مثالان لحالات مخططات XML، كملفين منفصلين يمكن تنزيلهما من موقع الويبو الإلكتروني، أي الجزء 3 من "كتيب الويبو" مع إضافة رابط داخلي في معيار الويبو ST.37. ومن شأن ذلك أن يضمن قصر طول المعيار ويسمح أيضاً لمستخدمي المعيار بالاستفادة من هذه الأمثلة بقدر أكبر.

7. إن لجنة المعايير مدعوة إلى:

(أ) الإحاطة علماً بمحتوى هذه الوثيقة؛

(ب) والنظر في المراجعة المقترحة لمعيار الويبو ST.37 والموجزة في الفقرتين 4 و5 أعلاه والواردة في مرفق هذه الوثيقة، والموافقة عليها؛

(ج) والنظر في المقترح الداعي إلى توفير محتوى ملحقي المرفقين الثالث والرابع لمعيار الويبو ST.37 كملفين منفصلين مرتبطين بالمعيار، على النحو المشار إليه في الفقرة 6 أعلاه، والموافقة عليه.

[يلي ذلك المرفق]

المرفق - مخطط لغة الترميز الموسعة (XSD)

```

<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:pat="http://www.wipo.int/standards/XMLSchema/ST96/Patent"
xmlns:com="http://www.wipo.int/standards/XMLSchema/ST96/Common"
targetNamespace="http://www.wipo.int/standards/XMLSchema/ST96/Patent"
elementFormDefault="qualified" attributeFormDefault="qualified">
  <xsd:import namespace="http://www.wipo.int/standards/XMLSchema/ST96/Common"
schemaLocation="Common V3 1 Custom.xsd"/>
  <xsd:import namespace="http://www.wipo.int/standards/XMLSchema/ST96/Common"
schemaLocation="AdditionalComment.xsd"/>
  <xsd:annotation>
    <xsd:documentation>As defined in WIPO ST.37 Authority File for patent documents,
which include patents for inventions, plant patents, design patents, inventors
certificates, utility certificates, utility models, patents of addition, inventors
certificates of addition, utility certificates of addition, and published applications
therefor</xsd:documentation>
  </xsd:annotation>
  <xsd:element name="AFLatestDocumentDate" type="com:DateType">
    <xsd:annotation>
      <xsd:documentation>Date of the most recent document listed in this
authority file</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="ApplicationFilingCategory"
type="pat:ApplicationFilingCategoryType">
    <xsd:annotation>
      <xsd:documentation>Describes the filing type of application i.e. PCT,
Regional or National</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:simpleType name="ApplicationFilingCategoryType">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="PCT">
        <xsd:annotation>
          <xsd:documentation>PCT</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="Regional">
        <xsd:annotation>
          <xsd:documentation>Regional</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="National">
        <xsd:annotation>
          <xsd:documentation>National</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:element name="ApplicationIdentification"
type="pat:ApplicationIdentificationType">
    <xsd:annotation>
      <xsd:documentation>Identification of Provides the information necessary to
identify a particular patent application. Refers to ST.9 INID Code 20.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="ApplicationIdentificationType">
    <xsd:sequence>
      <xsd:element ref="com:IPOfficeCode"/>
      <xsd:element ref="com:ApplicationNumber"/>
    </xsd:sequence>
  </xsd:complexType>

```

```

        <xsd:element ref="com:ApplicantFileReference" minOccurs="0"/>
        <xsd:element ref="com:FilingLanguageCode" minOccurs="0"/>
        <xsd:element ref="pat:ApplicationFilingCategory" minOccurs="0"/>
        <xsd:element ref="pat:InventionSubjectMatterCategory" minOccurs="0"/>
        <xsd:element ref="pat:FilingDate" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute ref="com:id"/>
</xsd:complexType>
<xsd:element name="AttachedPriorityDocumentIndicator" type="xsd:boolean" fixed="true">
    <xsd:annotation>
        <xsd:documentation>The A boolean which indicates whether the priority
document is attached to the application.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="AuthorityFile" type="pat:AuthorityFileType">
    <xsd:annotation>
        <xsd:documentation>Authority File information: Root element for the authority
file</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="AuthorityFileDataCoverage"
type="pat:AuthorityFileDataCoverageType">
    <xsd:annotation>
        <xsd:documentation>List of patent documents published by industrial
property offices grouped according to their ST.16 kind-of-document codes for a given date
range</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:complexType name="AuthorityFileDataCoverageType">
    <xsd:sequence>
        <xsd:element ref="pat:PublicationDateRange"/>
        <xsd:element ref="pat:PublicationNumberRange" minOccurs="0"/>
        <xsd:element ref="pat:KindCodeCoverage" minOccurs="0"/>
        <xsd:element ref="pat:ExceptionCodeCoverage" minOccurs="0"/>
        <xsd:element ref="pat:DataCoverageURI" minOccurs="0"/>
    </xsd:sequence>
</xsd:complexType>
<xsd:element name="AuthorityFileDefinition" type="pat:AuthorityFileDefinitionType">
    <xsd:annotation>
        <xsd:documentation>Definition: Provide definition file relates information
relating to the this associated authority file, including file
coverage.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:complexType name="AuthorityFileDefinitionType">
    <xsd:choice maxOccurs="unbounded">
        <xsd:element ref="pat:ExceptionCodeList"/>
        <xsd:element ref="pat:PatentDocumentKindCodeList"/>
        <xsd:element ref="pat:MostRecentDocument"/>
        <xsd:element ref="pat:AuthorityFileDataCoverage"/>
        <xsd:element ref="com:AdditionalComment:CommentText"/>
        <xsd:element ref="com:DocumentLocationURI"/>
    </xsd:choice>
    <xsd:attribute ref="com:id"/>
    <xsd:attribute ref="pat:contentCategory" use="required"/>
    <xsd:attribute ref="pat:groupCategory"/>
    <xsd:attribute ref="pat:backupCategory" use="required"/>
</xsd:complexType>
<xsd:element name="AuthorityFileEntry" type="pat:AuthorityFileEntryType">
    <xsd:annotation>
        <xsd:documentation>Data elements to uniquely identify all types of patent
documents as originally published by the IP office</xsd:documentation>
        <xsd:documentation>An entry within the authority file
which provides required components in order to comply with WIPO
ST.37.</xsd:documentation>
    </xsd:annotation>

```

```

</xsd:element>
<xsd:complexType name="AuthorityFileEntryType">
  <xsd:sequence>
    <xsd:element ref="pat:PatentPublicationIdentification"/>
    <xsd:element ref="pat:ExceptionCode" minOccurs="0"/>
    <xsd:element ref="pat:ApplicationIdentification" minOccurs="0"/>
    <xsd:element ref="pat:PriorityClaimBagPriorityApplicationIdentificationBag"
minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute ref="com:id"/>
</xsd:complexType>
<xsd:complexType name="AuthorityFileType">
  <xsd:sequence>
    <xsd:element ref="pat:AuthorityFileDefinition" minOccurs="0"/>
    <xsd:element ref="pat:AuthorityFileEntry" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute ref="com:officeCode" use="required"/>
  <xsd:attribute ref="com:creationDate"/>
</xsd:complexType>
<xsd:attribute name="backupCategory" type="pat:BackupCategoryType">
  <xsd:annotation>
    <xsd:documentation>Backup Category of Determines how updates to the
authority file will be performed e.g., incremental versus full.</xsd:documentation>
  </xsd:annotation>
</xsd:attribute>
<xsd:simpleType name="BackupCategoryType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="full">
      <xsd:annotation>
        <xsd:documentation>Full refresh of data every update
period.</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="incremental">
      <xsd:annotation>
        <xsd:documentation>Incremental update with only new data
provided since last update period.</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="differential">
      <xsd:annotation>
        <xsd:documentation>Differential update includes data not
previously supplied in any update period</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
  </xsd:restriction>
</xsd:simpleType>
<xsd:element name="BeginRangeNumber" type="xsd:string">
  <xsd:annotation>
    <xsd:documentation>Begin number of a publication number
range</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:attribute name="contentCategory" type="pat:ContentCategoryType">
  <xsd:annotation>
    <xsd:documentation>Content Provides an indication of whether the content
Category of authority file is grouped or not. The 'complete' indicates that it is not
grouped.</xsd:documentation>
  </xsd:annotation>
</xsd:attribute>
<xsd:simpleType name="ContentCategoryType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="complete">
      <xsd:annotation>
        <xsd:documentation>Complete or not grouped</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
  </xsd:restriction>
</xsd:simpleType>

```

```

        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="grouped">
        <xsd:annotation>
          <xsd:documentation>Grouped</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:element name="DataCoverageURI" type="xsd:anyURI">
    <xsd:annotation>
      <xsd:documentation>A detailed (annual) data-coverage can be found online at
http://www.XX-office.org/coverage</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="DocumentTotalQuantity" type="xsd:nonNegativeInteger">
    <xsd:annotation>
      <xsd:documentation>Total number of documents according to a particular kind
code.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="EndRangeNumber" type="xsd:string">
    <xsd:annotation>
      <xsd:documentation>End number of publication number
range</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="ExceptionCode" type="pat:ExceptionCodeType">
    <xsd:annotation>
      <xsd:documentation>Exception code as indicated in WIPO
ST.37</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="ExceptionCodeCoverage" type="pat:ExceptionCodeCoverageType">
    <xsd:annotation>
      <xsd:documentation>Data coverage summary by exception cited within a search
report is relevant to.</xsd:documentation>
      <xsd:documentation>code including total quantity of documents.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="ExceptionCodeCoverageType">
    <xsd:sequence maxOccurs="unbounded">
      <xsd:element ref="pat:ExceptionCode"/>
      <xsd:element ref="pat:DocumentTotalQuantity"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:element name="ExceptionCodeDefinition" type="pat:ExceptionCodeDefinitionType">
    <xsd:annotation>
      <xsd:documentation>IPO specific use of publication exception code
definition</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="ExceptionCodeDefinitionType">
    <xsd:sequence>
      <xsd:element ref="pat:ExceptionCode"/>
      <xsd:element ref="pat:ExceptionCodeDescriptionText"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:element name="ExceptionCodeDescriptionText" type="xsd:string">
    <xsd:annotation>
      <xsd:documentation>Exception code description text</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="ExceptionCodeList" type="pat:ExceptionCodeListType">
    <xsd:annotation>

```

```

                <xsd:documentation>IPO specific use of publication exception
codes</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:complexType name="ExceptionCodeListType">
            <xsd:sequence maxOccurs="unbounded">
                <xsd:element ref="pat:ExceptionCodeDefinition"/>
            </xsd:sequence>
        </xsd:complexType>
        <xsd:simpleType name="ExceptionCodeType">
            <xsd:restriction base="xsd:token">
                <xsd:enumeration value="C">
                    <xsd:annotation>
                        <xsd:documentation>Defective publication documents
</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="D">
                    <xsd:annotation>
                        <xsd:documentation>The document was deleted after the
publication</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="E">
                    <xsd:annotation>
                        <xsd:documentation>Publication number allocated by the IPO
representing a PCT national/regional phase entry (for example Euro-PCT). No corresponding
document published. A Euro-PCT application is an international (PCT) patent application
that entered the European regional phase.
</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="M">
                    <xsd:annotation>
                        <xsd:documentation>Published document is
missing</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="N">
                    <xsd:annotation>
                        <xsd:documentation>The use of codes "N" should refer to the IPO
definition file</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="P">
                    <xsd:annotation>
                        <xsd:documentation>Document available only on
paper</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="R">
                    <xsd:annotation>
                        <xsd:documentation>Reissued publication</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="U">
                    <xsd:annotation>
                        <xsd:documentation>Unknown publication number, for example,
when during compilation of the authority file one or a list of publication number(s) has
been found in the database, but the corresponding document(s) is(are) missing without known
cause. Typically this code can indicate could be a database error that requires further
analysis.</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="W">

```



```

        <xsd:annotation>
          <xsd:documentation>The use of codes "W" should refer to the IPO
definition file</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="X">
        <xsd:annotation>
          <xsd:documentation>The use of codes "X" should refer to the IPO
definition file</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:element name="FilingDate" type="com:DateType">
    <xsd:annotation>
      <xsd:documentation>The date assigned by the Patent Office that identifies
when an application meets certain criteria to qualify as having been filed. Refers to ST.9
INID Code 22.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:attribute name="groupCategory" type="pat:GroupCategoryType">
    <xsd:annotation>
      <xsd:documentation>Group Category of authority file.</xsd:documentation>
    </xsd:annotation>
  </xsd:attribute>
  <xsd:simpleType name="GroupCategoryType">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="date">
        <xsd:annotation>
          <xsd:documentation>Date</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="publication-level">
        <xsd:annotation>
          <xsd:documentation>Publication level</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="document-kind">
        <xsd:annotation>
          <xsd:documentation>Document kind</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:element name="IncorporationByReferenceIndicator" type="xsd:boolean" fixed="true">
    <xsd:annotation>
      <xsd:documentation>Indicate that a bBoolean which indicates whether an
element or part is incorporated by reference in the (international)
application</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="IndicatedIPOfficeCode" type="com:ExtendedWIPOST3CodeType">
    <xsd:annotation>
      <xsd:documentation>Where the earlier application is a regional or
international application, an ST.3 code identifying a country party to the Paris Convention
or a member of the WTO for which the regional or international application was made and
which is indicated in the priority claim. Refers to ST.9 INID Code 34.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="InventionSubjectMatterCategory"
type="pat:InventionSubjectMatterCategoryType">
    <xsd:annotation>
      <xsd:documentation>Describes the type of invention i.e. captured by the
published patent i.e. Design, Utility or Plant</xsd:documentation>
    </xsd:annotation>
  </xsd:element>

```

```
</xsd:element>
<xsd:simpleType name="InventionSubjectMatterCategoryType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="Design">
      <xsd:annotation>
        <xsd:documentation>Design</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="Utility">
      <xsd:annotation>
        <xsd:documentation>Utility</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="Plant">
      <xsd:annotation>
        <xsd:documentation>Plant</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
  </xsd:restriction>
</xsd:simpleType>
<xsd:element name="KindCodeCoverage" type="pat:KindCodeCoverageType">
  <xsd:annotation>
    <xsd:documentation>Data coverage summary by kind code cited within a search
report is relevant to.including document total quantity.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="KindCodeCoverageType">
  <xsd:sequence maxOccurs="unbounded">
    <xsd:element ref="com:PatentDocumentKindCode"/>
    <xsd:element ref="pat:DocumentTotalQuantity"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:attribute name="libraryIdentifier" type="xsd:token">
  <xsd:annotation>
    <xsd:documentation>The library-identifier attribute is intended as an
identifying code for the library containing priority documents - to be used where offices
support the access of the documents from many such libraries. The recommended format of
library-identifier should be composed of a WIPO Standard ST.3 code of the operating Office
of service or digital library, together with service (or digital library) name (optional)
separated by a hyphen to allow for the fact that some Office may operate more than one
library. For example, "IB-DAS" for Digital Access Service for Priority Documents run by
WIPO.</xsd:documentation>
  </xsd:annotation>
</xsd:attribute>
<xsd:element name="MostRecentDocument" type="pat:MostRecentDocumentType">
  <xsd:annotation>
    <xsd:documentation>Most recent Provide the publication number and associated
date for the latest patent document information included within the authority
file.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="MostRecentDocumentType">
  <xsd:sequence>
    <xsd:element ref="pat:PublicationNumber"/>
    <xsd:element ref="com:PublicationDate"/>
  </xsd:sequence>
  <xsd:attribute ref="com:id"/>
</xsd:complexType>
<xsd:element name="OnlineAvailablePriorityDocumentIndicator"
type="pat:OnlineAvailablePriorityDocumentIndicatorType">
  <xsd:annotation>
    <xsd:documentation>Where the priority document is made available to the
corresponding IPO (e.g., RO or the IB) from a digital library, this indicator provides a
reference to obtain the priority document from such digital library</xsd:documentation>
  </xsd:annotation>
</xsd:element>
```

```

</xsd:element>
<xsd:complexType name="OnlineAvailablePriorityDocumentIndicatorType">
  <xsd:simpleContent>
    <xsd:extension base="pat:TrueType">
      <xsd:attribute ref="pat:libraryIdentifier"/>
      <xsd:attribute ref="com:officeCode"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:element name="PatentDocumentKindCodeDefinition"
type="pat:PatentDocumentKindCodeDefinitionType">
  <xsd:annotation>
    <xsd:documentation>IPO specific use of An element within the
PatentDocumentKindCodeList. Includes both the document kind-of-documents code and
associated definition</></xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="PatentDocumentKindCodeDefinitionType">
  <xsd:sequence>
    <xsd:element ref="com:PatentDocumentKindCode"/>
    <xsd:element ref="pat:PatentDocumentKindCodeDescriptionText"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:element name="PatentDocumentKindCodeDescriptionText" type="xsd:string">
  <xsd:annotation>
    <xsd:documentation>IPOA description of the patent document kind code
definition</used by a particular IPO.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="PatentDocumentKindCodeList"
type="pat:PatentDocumentKindCodeListType">
  <xsd:annotation>
    <xsd:documentation>IPOA list of specific use of document kind-of-documents
codes</used by an IPO. Use of WIPO ST.16 is recommended.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="PatentDocumentKindCodeListType">
  <xsd:sequence maxOccurs="unbounded">
    <xsd:element ref="pat:PatentDocumentKindCodeDefinition"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:element name="PatentPublicationIdentification"
type="pat:PatentPublicationIdentificationType">
  <xsd:annotation>
    <xsd:documentation>Identification of Details identifying a particular
published patent document, as part of an authority file entry. Refers to ST.9 INID Code
10.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="PatentPublicationIdentificationType">
  <xsd:sequence>
    <xsd:element ref="com:IPOfficeCode"/>
    <xsd:element ref="pat:PublicationNumber"/>
    <xsd:element ref="com:PublicationLanguageCode" minOccurs="0"/>
    <xsd:element ref="com:PatentDocumentKindCode" minOccurs="0"/>
    <xsd:element ref="com:PublicationDate" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute ref="com:id"/>
</xsd:complexType>
<xsd:element name="PriorityClaimPriorityApplicationIdentification"
type="pat:PriorityClaimTypePriorityApplicationIdentificationType">
  <xsd:annotation>
    <xsd:documentation>Priority claim information</Details of the priority
application which is associated with the particular authority file
entry.</xsd:documentation>

```

```

    </xsd:annotation>
  </xsd:element>
  <xsd:element name="PriorityClaimBagPriorityApplicationIdentificationBag"
type="pat:PriorityClaimBagTypePriorityApplicationIdentificationBagType">
    <xsd:annotation>
      <xsd:documentation>Applications in which A list of priority is
claimed applications which are used to claim priority. Refers to ST.9 INID Code
30.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="PriorityClaimBagTypePriorityApplicationIdentificationBagType">
    <xsd:sequence>
      <xsd:element ref="pat:PriorityClaimPriorityApplicationIdentification"
maxOccurs="unbounded"/>
      <xsd:element ref="pat:IncorporationByReferenceIndicator" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute ref="com:id"/>
  </xsd:complexType>
  <xsd:complexType name="PriorityClaimTypePriorityApplicationIdentificationType">
    <xsd:sequence>
      <xsd:element ref="com:IPOfficeCode"/>
      <xsd:element ref="com:ApplicationNumber" minOccurs="0"/>
      <xsd:element ref="com:PatentDocumentKindCode" minOccurs="0"/>
      <xsd:element ref="pat:FilingDate"/>
      <xsd:element ref="pat:IndicatedIPOfficeCode" minOccurs="0"
maxOccurs="unbounded"/>
      <xsd:element ref="pat:ApplicationFilingCategory" minOccurs="0"/>
      <xsd:choice minOccurs="0">
        <xsd:element ref="pat:RequestedPriorityDocumentIndicator"/>
        <xsd:element ref="pat:AttachedPriorityDocumentIndicator"/>
        <xsd:element ref="pat:OnlineAvailablePriorityDocumentIndicator"/>
        <xsd:element ref="com:DASAccessCode"/>
      </xsd:choice>
    </xsd:sequence>
    <xsd:attribute ref="com:id"/>
    <xsd:attribute ref="com:sequenceNumber" use="required"/>
  </xsd:complexType>
  <xsd:element name="PublicationDateRange" type="pat:PublicationDateRangeType">
    <xsd:annotation>
      <xsd:documentation>Publication date reange cited within a search report is
relevant to.</range over which the authority file is valid. Part of the definition file
component. </xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="PublicationDateRangeType">
    <xsd:sequence>
      <xsd:element ref="com:StartDate"/>
      <xsd:element ref="com:EndDate"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:element name="PublicationNumber" type="xsd:string">
    <xsd:annotation>
      <xsd:documentation>Publication Number</ which identifies a particular
patent document.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="PublicationNumberRange" type="pat:PublicationNumberRangeType">
    <xsd:annotation>
      <xsd:documentation>A collection range of patent publication numbers
eited which are included within a search report is relevant to this authority
file.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="PublicationNumberRangeType">
    <xsd:sequence>

```

```
<xsd:element ref="pat:BeginRangeNumber"/>
<xsd:element ref="pat:EndRangeNumber"/>
</xsd:sequence>
</xsd:complexType>
<xsd:element name="RequestedPriorityDocumentIndicator" type="xsd:boolean"
fixed="true">
  <xsd:annotation>
    <xsd:documentation>The A Bboolean which indicates that the receiving office
is (RO) has been requested to prepare and transmit to the IB a certified copy of the
earlier application.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:simpleType name="TrueType">
  <xsd:restriction base="xsd:boolean">
    <xsd:pattern value="true"/>
  </xsd:restriction>
</xsd:simpleType>
</xsd:schema>
```

[نهاية المرفق الوثيقة]

المرفق - مخطط لغة الترميز الموسعة (XSD)

```

<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:pat="http://www.wipo.int/standards/XMLSchema/ST96/Patent"
xmlns:com="http://www.wipo.int/standards/XMLSchema/ST96/Common"
targetNamespace="http://www.wipo.int/standards/XMLSchema/ST96/Patent"
elementFormDefault="qualified" attributeFormDefault="qualified">
  <xsd:import namespace="http://www.wipo.int/standards/XMLSchema/ST96/Common"
schemaLocation="Common V3 1 Custom.xsd"/>
  <xsd:import namespace="http://www.wipo.int/standards/XMLSchema/ST96/Common"
schemaLocation="AdditionalComment.xsd"/>
  <xsd:annotation>
    <xsd:documentation>As defined in WIPO ST.37 Authority File for patent documents,
which include patents for inventions, plant patents, design patents, inventors
certificates, utility certificates, utility models, patents of addition, inventors
certificates of addition, utility certificates of addition, and published applications
therefor<del>therefore</del>.</xsd:documentation>
  </xsd:annotation>
  <xsd:element name="AFLatestDocumentDate" type="com:DateType">
    <xsd:annotation>
      <xsd:documentation>Date of the most recent document listed in <del>this</del>
authority file<del>.</del></xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="ApplicationFilingCategory"
type="pat:ApplicationFilingCategoryType">
    <xsd:annotation>
      <xsd:documentation>Describes the filing type of application i.e. PCT,
Regional or National<del>.</del></xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:simpleType name="ApplicationFilingCategoryType">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="PCT">
        <xsd:annotation>
          <xsd:documentation>PCT</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="Regional">
        <xsd:annotation>
          <xsd:documentation>Regional</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="National">
        <xsd:annotation>
          <xsd:documentation>National</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:element name="ApplicationIdentification"
type="pat:ApplicationIdentificationType">
    <xsd:annotation>
      <xsd:documentation><del>Identification of</del>Provides the information necessary to
identify a particular patent application. Refers to ST.9 INID Code 20.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="ApplicationIdentificationType">
    <xsd:sequence>
      <xsd:element ref="com:IPOfficeCode"/>
      <xsd:element ref="com:ApplicationNumber"/>
    </xsd:sequence>
  </xsd:complexType>

```

```

        <xsd:element ref="com:ApplicantFileReference" minOccurs="0"/>
        <xsd:element ref="com:FilingLanguageCode" minOccurs="0"/>
        <xsd:element ref="pat:ApplicationFilingCategory" minOccurs="0"/>
        <xsd:element ref="pat:InventionSubjectMatterCategory" minOccurs="0"/>
        <xsd:element ref="pat:FilingDate" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute ref="com:id"/>
</xsd:complexType>
<xsd:element name="AttachedPriorityDocumentIndicator" type="xsd:boolean" fixed="true">
    <xsd:annotation>
        <xsd:documentation>The A boolean which indicates whether the priority
document is attached to the application.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="AuthorityFile" type="pat:AuthorityFileType">
    <xsd:annotation>
        <xsd:documentation>Authority File information: Root element for the authority
file</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="AuthorityFileDataCoverage"
type="pat:AuthorityFileDataCoverageType">
    <xsd:annotation>
        <xsd:documentation>List of patent documents published by industrial
property offices grouped according to their ST.16 kind-of-document codes for a given date
range</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:complexType name="AuthorityFileDataCoverageType">
    <xsd:sequence>
        <xsd:element ref="pat:PublicationDateRange"/>
        <xsd:element ref="pat:PublicationNumberRange" minOccurs="0"/>
        <xsd:element ref="pat:KindCodeCoverage" minOccurs="0"/>
        <xsd:element ref="pat:ExceptionCodeCoverage" minOccurs="0"/>
        <xsd:element ref="pat:DataCoverageURI" minOccurs="0"/>
    </xsd:sequence>
</xsd:complexType>
<xsd:element name="AuthorityFileDefinition" type="pat:AuthorityFileDefinitionType">
    <xsd:annotation>
        <xsd:documentation>Definition: Provide definition file relates information
relating to the this associated authority file, including file
coverage.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:complexType name="AuthorityFileDefinitionType">
    <xsd:choice maxOccurs="unbounded">
        <xsd:element ref="pat:ExceptionCodeList"/>
        <xsd:element ref="pat:PatentDocumentKindCodeList"/>
        <xsd:element ref="pat:MostRecentDocument"/>
        <xsd:element ref="pat:AuthorityFileDataCoverage"/>
        <xsd:element ref="com:AdditionalComment:CommentText"/>
        <xsd:element ref="com:DocumentLocationURI"/>
    </xsd:choice>
    <xsd:attribute ref="com:id"/>
    <xsd:attribute ref="pat:contentCategory" use="required"/>
    <xsd:attribute ref="pat:groupCategory"/>
    <xsd:attribute ref="pat:backupCategory" use="required"/>
</xsd:complexType>
<xsd:element name="AuthorityFileEntry" type="pat:AuthorityFileEntryType">
    <xsd:annotation>
        <xsd:documentation>Data elements to uniquely identify all types of patent
documents as originally published by the IP office</xsd:documentation>
        <xsd:documentation>An entry within the authority file
which provides required components in order to comply with WIPO
ST.37.</xsd:documentation>
    </xsd:annotation>

```

```

</xsd:element>
<xsd:complexType name="AuthorityFileEntryType">
  <xsd:sequence>
    <xsd:element ref="pat:PatentPublicationIdentification"/>
    <xsd:element ref="pat:ExceptionCode" minOccurs="0"/>
    <xsd:element ref="pat:ApplicationIdentification" minOccurs="0"/>
    <xsd:element ref="pat:PriorityClaimBagPriorityApplicationIdentificationBag"
minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute ref="com:id"/>
</xsd:complexType>
<xsd:complexType name="AuthorityFileType">
  <xsd:sequence>
    <xsd:element ref="pat:AuthorityFileDefinition" minOccurs="0"/>
    <xsd:element ref="pat:AuthorityFileEntry" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute ref="com:officeCode" use="required"/>
  <xsd:attribute ref="com:creationDate"/>
</xsd:complexType>
<xsd:attribute name="backupCategory" type="pat:BackupCategoryType">
  <xsd:annotation>
    <xsd:documentation>Backup Category of Determines how updates to the
authority file will be performed e.g., incremental versus full.</xsd:documentation>
  </xsd:annotation>
</xsd:attribute>
<xsd:simpleType name="BackupCategoryType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="full">
      <xsd:annotation>
        <xsd:documentation>Full refresh of data every update
period.</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="incremental">
      <xsd:annotation>
        <xsd:documentation>Incremental update with only new data
provided since last update period.</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="differential">
      <xsd:annotation>
        <xsd:documentation>Differential update includes data not
previously supplied in any update period</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
  </xsd:restriction>
</xsd:simpleType>
<xsd:element name="BeginRangeNumber" type="xsd:string">
  <xsd:annotation>
    <xsd:documentation>Begin number of a publication number
range</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:attribute name="contentCategory" type="pat:ContentCategoryType">
  <xsd:annotation>
    <xsd:documentation>Content Provides an indication of whether the content
Category of authority file is grouped or not. The 'complete' indicates that it is not
grouped.</xsd:documentation>
  </xsd:annotation>
</xsd:attribute>
<xsd:simpleType name="ContentCategoryType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="complete">
      <xsd:annotation>
        <xsd:documentation>Complete or not grouped</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
  </xsd:restriction>
</xsd:simpleType>

```



```

        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="grouped">
        <xsd:annotation>
          <xsd:documentation>Grouped</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:element name="DataCoverageURI" type="xsd:anyURI">
    <xsd:annotation>
      <xsd:documentation>A detailed (annual) data-coverage can be found online at
http://www.XX-office.org/coverage</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="DocumentTotalQuantity" type="xsd:nonNegativeInteger">
    <xsd:annotation>
      <xsd:documentation>Total number of documents according to a particular kind
code.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="EndRangeNumber" type="xsd:string">
    <xsd:annotation>
      <xsd:documentation>End number of publication number
range</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="ExceptionCode" type="pat:ExceptionCodeType">
    <xsd:annotation>
      <xsd:documentation>Exception code as indicated in WIPO
ST.37</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="ExceptionCodeCoverage" type="pat:ExceptionCodeCoverageType">
    <xsd:annotation>
      <xsd:documentation>Data coverage summary by exception cited within a search
report is relevant to.</xsd:documentation>
      <xsd:documentation>code including total quantity of documents.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="ExceptionCodeCoverageType">
    <xsd:sequence maxOccurs="unbounded">
      <xsd:element ref="pat:ExceptionCode"/>
      <xsd:element ref="pat:DocumentTotalQuantity"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:element name="ExceptionCodeDefinition" type="pat:ExceptionCodeDefinitionType">
    <xsd:annotation>
      <xsd:documentation>IPO specific use of publication exception code
definition</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="ExceptionCodeDefinitionType">
    <xsd:sequence>
      <xsd:element ref="pat:ExceptionCode"/>
      <xsd:element ref="pat:ExceptionCodeDescriptionText"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:element name="ExceptionCodeDescriptionText" type="xsd:string">
    <xsd:annotation>
      <xsd:documentation>Exception code description text</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="ExceptionCodeList" type="pat:ExceptionCodeListType">
    <xsd:annotation>

```

```

                <xsd:documentation>IPO specific use of publication exception
codes</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:complexType name="ExceptionCodeListType">
            <xsd:sequence maxOccurs="unbounded">
                <xsd:element ref="pat:ExceptionCodeDefinition"/>
            </xsd:sequence>
        </xsd:complexType>
        <xsd:simpleType name="ExceptionCodeType">
            <xsd:restriction base="xsd:token">
                <xsd:enumeration value="C">
                    <xsd:annotation>
                        <xsd:documentation>Defective publication documents
</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="D">
                    <xsd:annotation>
                        <xsd:documentation>The document was deleted after the
publication</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="E">
                    <xsd:annotation>
                        <xsd:documentation>Publication number allocated by the IPO
representing a PCT national/regional phase entry (for example Euro-PCT). No corresponding
document published. A Euro-PCT application is an international (PCT) patent application
that entered the European regional phase.
</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="M">
                    <xsd:annotation>
                        <xsd:documentation>Published document is
missing</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="N">
                    <xsd:annotation>
                        <xsd:documentation>The use of codes "N" should refer to the IPO
definition file</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="P">
                    <xsd:annotation>
                        <xsd:documentation>Document available only on
paper</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="R">
                    <xsd:annotation>
                        <xsd:documentation>Reissued publication</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="U">
                    <xsd:annotation>
                        <xsd:documentation>Unknown publication number, for example,
when during compilation of the authority file one or a list of publication number(s) has
been found in the database, but the corresponding document(s) is(are) missing without known
cause. Typically this code can indicate could be a database error that requires further
analysis.</xsd:documentation>
                    </xsd:annotation>
                </xsd:enumeration>
                <xsd:enumeration value="W">

```

```

        <xsd:annotation>
          <xsd:documentation>The use of codes "W" should refer to the IPO
definition file</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="X">
        <xsd:annotation>
          <xsd:documentation>The use of codes "X" should refer to the IPO
definition file</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:element name="FilingDate" type="com:DateType">
    <xsd:annotation>
      <xsd:documentation>The date assigned by the Patent Office that identifies
when an application meets certain criteria to qualify as having been filed. Refers to ST.9
INID Code 22.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:attribute name="groupCategory" type="pat:GroupCategoryType">
    <xsd:annotation>
      <xsd:documentation>Group Category of authority file.</xsd:documentation>
    </xsd:annotation>
  </xsd:attribute>
  <xsd:simpleType name="GroupCategoryType">
    <xsd:restriction base="xsd:token">
      <xsd:enumeration value="date">
        <xsd:annotation>
          <xsd:documentation>Date</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="publication-level">
        <xsd:annotation>
          <xsd:documentation>Publication level</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
      <xsd:enumeration value="document-kind">
        <xsd:annotation>
          <xsd:documentation>Document kind</xsd:documentation>
        </xsd:annotation>
      </xsd:enumeration>
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:element name="IncorporationByReferenceIndicator" type="xsd:boolean" fixed="true">
    <xsd:annotation>
      <xsd:documentation>Indicate that a bBoolean which indicates whether an
element or part is incorporated by reference in the (international)
application</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="IndicatedIPOfficeCode" type="com:ExtendedWIPOST3CodeType">
    <xsd:annotation>
      <xsd:documentation>Where the earlier application is a regional or
international application, an ST.3 code identifying a country party to the Paris Convention
or a member of the WTO for which the regional or international application was made and
which is indicated in the priority claim. Refers to ST.9 INID Code 34.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="InventionSubjectMatterCategory"
type="pat:InventionSubjectMatterCategoryType">
    <xsd:annotation>
      <xsd:documentation>Describes the type of invention i.e. captured by the
published patent i.e. Design, Utility or Plant</xsd:documentation>
    </xsd:annotation>
  </xsd:element>

```

```

</xsd:element>
<xsd:simpleType name="InventionSubjectMatterCategoryType">
  <xsd:restriction base="xsd:token">
    <xsd:enumeration value="Design">
      <xsd:annotation>
        <xsd:documentation>Design</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="Utility">
      <xsd:annotation>
        <xsd:documentation>Utility</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
    <xsd:enumeration value="Plant">
      <xsd:annotation>
        <xsd:documentation>Plant</xsd:documentation>
      </xsd:annotation>
    </xsd:enumeration>
  </xsd:restriction>
</xsd:simpleType>
<xsd:element name="KindCodeCoverage" type="pat:KindCodeCoverageType">
  <xsd:annotation>
    <xsd:documentation>Data coverage summary by kind code cited within a search
report is relevant to.including document total quantity.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="KindCodeCoverageType">
  <xsd:sequence maxOccurs="unbounded">
    <xsd:element ref="com:PatentDocumentKindCode"/>
    <xsd:element ref="pat:DocumentTotalQuantity"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:attribute name="libraryIdentifier" type="xsd:token">
  <xsd:annotation>
    <xsd:documentation>The library-identifier attribute is intended as an
identifying code for the library containing priority documents - to be used where offices
support the access of the documents from many such libraries. The recommended format of
library-identifier should be composed of a WIPO Standard ST.3 code of the operating Office
of service or digital library, together with service (or digital library) name (optional)
separated by a hyphen to allow for the fact that some Office may operate more than one
library. For example, "IB-DAS" for Digital Access Service for Priority Documents run by
WIPO.</xsd:documentation>
  </xsd:annotation>
</xsd:attribute>
<xsd:element name="MostRecentDocument" type="pat:MostRecentDocumentType">
  <xsd:annotation>
    <xsd:documentation>Most recent Provide the publication number and associated
date for the latest patent document information included within the authority
file.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="MostRecentDocumentType">
  <xsd:sequence>
    <xsd:element ref="pat:PublicationNumber"/>
    <xsd:element ref="com:PublicationDate"/>
  </xsd:sequence>
  <xsd:attribute ref="com:id"/>
</xsd:complexType>
<xsd:element name="OnlineAvailablePriorityDocumentIndicator"
type="pat:OnlineAvailablePriorityDocumentIndicatorType">
  <xsd:annotation>
    <xsd:documentation>Where the priority document is made available to the
corresponding IPO (e.g., RO or the IB) from a digital library, this indicator provides a
reference to obtain the priority document from such digital library</xsd:documentation>
  </xsd:annotation>

```

```

</xsd:element>
<xsd:complexType name="OnlineAvailablePriorityDocumentIndicatorType">
  <xsd:simpleContent>
    <xsd:extension base="pat:TrueType">
      <xsd:attribute ref="pat:libraryIdentifier"/>
      <xsd:attribute ref="com:officeCode"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:element name="PatentDocumentKindCodeDefinition"
type="pat:PatentDocumentKindCodeDefinitionType">
  <xsd:annotation>
    <xsd:documentation>IPO specific use of An element within the
PatentDocumentKindCodeList. Includes both the document kind-of-documents code and
associated definition</></xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="PatentDocumentKindCodeDefinitionType">
  <xsd:sequence>
    <xsd:element ref="com:PatentDocumentKindCode"/>
    <xsd:element ref="pat:PatentDocumentKindCodeDescriptionText"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:element name="PatentDocumentKindCodeDescriptionText" type="xsd:string">
  <xsd:annotation>
    <xsd:documentation>IPOA description of the patent document kind code
definition</used by a particular IPO.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="PatentDocumentKindCodeList"
type="pat:PatentDocumentKindCodeListType">
  <xsd:annotation>
    <xsd:documentation>IPOA list of specific use of document kind-of-documents
codes</used by an IPO. Use of WIPO ST.16 is recommended.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="PatentDocumentKindCodeListType">
  <xsd:sequence maxOccurs="unbounded">
    <xsd:element ref="pat:PatentDocumentKindCodeDefinition"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:element name="PatentPublicationIdentification"
type="pat:PatentPublicationIdentificationType">
  <xsd:annotation>
    <xsd:documentation>Identification of Details identifying a particular
published patent document, as part of an authority file entry. Refers to ST.9 INID Code
10.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:complexType name="PatentPublicationIdentificationType">
  <xsd:sequence>
    <xsd:element ref="com:IPOfficeCode"/>
    <xsd:element ref="pat:PublicationNumber"/>
    <xsd:element ref="com:PublicationLanguageCode" minOccurs="0"/>
    <xsd:element ref="com:PatentDocumentKindCode" minOccurs="0"/>
    <xsd:element ref="com:PublicationDate" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute ref="com:id"/>
</xsd:complexType>
<xsd:element name="PriorityClaimPriorityApplicationIdentification"
type="pat:PriorityClaimTypePriorityApplicationIdentificationType">
  <xsd:annotation>
    <xsd:documentation>Priority claim information</Details of the priority
application which is associated with the particular authority file
entry.</xsd:documentation>

```

```

    </xsd:annotation>
  </xsd:element>
  <xsd:element name="PriorityClaimBagPriorityApplicationIdentificationBag"
type="pat:PriorityClaimBagTypePriorityApplicationIdentificationBagType">
    <xsd:annotation>
      <xsd:documentation>Applications in which A list of priority is
claimed applications which are used to claim priority. Refers to ST.9 INID Code
30.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="PriorityClaimBagTypePriorityApplicationIdentificationBagType">
    <xsd:sequence>
      <xsd:element ref="pat:PriorityClaimPriorityApplicationIdentification"
maxOccurs="unbounded"/>
      <xsd:element ref="pat:IncorporationByReferenceIndicator" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute ref="com:id"/>
  </xsd:complexType>
  <xsd:complexType name="PriorityClaimTypePriorityApplicationIdentificationType">
    <xsd:sequence>
      <xsd:element ref="com:IPOfficeCode"/>
      <xsd:element ref="com:ApplicationNumber" minOccurs="0"/>
      <xsd:element ref="com:PatentDocumentKindCode" minOccurs="0"/>
      <xsd:element ref="pat:FilingDate"/>
      <xsd:element ref="pat:IndicatedIPOfficeCode" minOccurs="0"
maxOccurs="unbounded"/>
      <xsd:element ref="pat:ApplicationFilingCategory" minOccurs="0"/>
      <xsd:choice minOccurs="0">
        <xsd:element ref="pat:RequestedPriorityDocumentIndicator"/>
        <xsd:element ref="pat:AttachedPriorityDocumentIndicator"/>
        <xsd:element ref="pat:OnlineAvailablePriorityDocumentIndicator"/>
        <xsd:element ref="com:DASAccessCode"/>
      </xsd:choice>
    </xsd:sequence>
    <xsd:attribute ref="com:id"/>
    <xsd:attribute ref="com:sequenceNumber" use="required"/>
  </xsd:complexType>
  <xsd:element name="PublicationDateRange" type="pat:PublicationDateRangeType">
    <xsd:annotation>
      <xsd:documentation>Publication date reange cited within a search report is
relevant to.</range over which the authority file is valid. Part of the definition file
component. </xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="PublicationDateRangeType">
    <xsd:sequence>
      <xsd:element ref="com:StartDate"/>
      <xsd:element ref="com:EndDate"/>
    </xsd:sequence>
  </xsd:complexType>
  <xsd:element name="PublicationNumber" type="xsd:string">
    <xsd:annotation>
      <xsd:documentation>Publication Number</ which identifies a particular
patent document.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="PublicationNumberRange" type="pat:PublicationNumberRangeType">
    <xsd:annotation>
      <xsd:documentation>A collection range of patent publication numbers
eited which are included within a search report is relevant to this authority
file.</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:complexType name="PublicationNumberRangeType">
    <xsd:sequence>

```

```
<xsd:element ref="pat:BeginRangeNumber"/>
<xsd:element ref="pat:EndRangeNumber"/>
</xsd:sequence>
</xsd:complexType>
<xsd:element name="RequestedPriorityDocumentIndicator" type="xsd:boolean"
fixed="true">
  <xsd:annotation>
    <xsd:documentation>The A Bboolean which indicates that the receiving office
is (RO) has been requested to prepare and transmit to the IB a certified copy of the
earlier application.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:simpleType name="TrueType">
  <xsd:restriction base="xsd:boolean">
    <xsd:pattern value="true"/>
  </xsd:restriction>
</xsd:simpleType>
</xsd:schema>
```

[نهاية المرفق الوثيقة]