**ANNEX - 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~~therefore.</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: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</~~An entry within the authority file which provides required compo~~npo~~nents 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:~~PriorityClaimBag~~PriorityApplicationIdentificationBag" 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: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 ~~a~~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.</~~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 indicatecould 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: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>~~IPO~~A 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>~~IPO~~A 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="~~PriorityClaim~~PriorityApplicationIdentification" type="pat:~~PriorityClaimType~~PriorityApplicationIdentificationType">

 <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="~~PriorityClaimBag~~PriorityApplicationIdentificationBag" type="pat:~~PriorityClaimBagType~~PriorityApplicationIdentificationBagType">

 <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="~~PriorityClaimBagType~~PriorityApplicationIdentificationBagType">

 <xsd:sequence>

 <xsd:element ref="pat:~~PriorityClaim~~PriorityApplicationIdentification" maxOccurs="unbounded"/>

 <xsd:element ref="pat:IncorporationByReferenceIndicator" minOccurs="0"/>

 </xsd:sequence>

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

 </xsd:complexType>

 <xsd:complexType name="~~PriorityClaimType~~PriorityApplicationIdentificationType">

 <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 ~~cited~~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>

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