AGREEMENT REGARDING PFR ST.36/2009/001

Agreement regarding PFR ST.36/2009/001 was reached by the ST.36 Task Force on March 23, 2009, as proposed by the European Patent Office, the Japan Patent Office and the United States Patent and Trademark Office on February 2, 2009.

The PFR ST.36/2009/001 submitted by the European Patent Office, the Japan Patent Office and the United States Patent and Trademark Office is reproduced as an Annex to this Agreement.

[Annex follows]

ANNEX

PROPOSAL FOR REVISION (PFR) OF WIPO STANDARD ST.36

Identifier: *(to be completed by the IB)*	**PFR ST.36/2009/001**
Procedure for handling this proposal: *(to be completed by the IB)*	Fast-Track Procedure by the ST.36 Task Force

Submitted by: *(Office)*	EPO /JPO /USPTO	**Date Submitted**	2009-02-02

Subject	
(i.e., brief indication of the changes to be considered)	Modification of the elements `o`, `math`, `chemistry`, `amended-claims`, `book`, `online` and `serial`

WIPO Standard & Items impacted	
(e.g., main body of the Standard, Appendices / Annexes to the Standard, DTD/Schema, Element/Type Name, etc)	WIPO Standard ST.36 Items impacted: - Annex A : Model DTD (xx-patent-document.dtd) - Annex C : ICEs - Note: also effects Annex F DTDs (PCT Administrative Instructions) `amendment-request`, `application-body`, `demand`, `iprp`, `package-data`, `pkgheader`, `power-of-attorney`, `request`, `search-report`, `table-external`, `wo-bibliographic-data`, `wo-publishedapplication`, `xmit-receipt`,

Detailed description (i.e., proposed solution)	
(If necessary, please attach further explanation sheet, e.g., a part of ICE table to be changed if a proposal impacts ST.36 ICEs, comments to be added to DTD/Schema if a proposal is related to elements/type, etc.)	This PFR includes six proposals as follows: Proposal 1: Change the attribute name `style` of the element `o` to `ostyle`; Proposal 2: Modify the elements `math` and `chemistry` to add the new sub-element `formula-text`; Proposal 3: Modify the element `amended-claims` to add the sub-element `heading`; and

Detailed description (i.e., proposed solution)

	Proposals 4 to 6: Change the order of sub-elements of the elements `book`, `online` and `serial`. Further detailed description of each proposal is available in Appendix 1 to this PFR. These proposals were briefly discussed at the ST.36 Task Force informal meeting which was held in Geneva in November 2008. The results of the meeting are available on the ST.36 Task Force website at: *http://www.wipo.int/scit/en/taskfrce/st36/background.htm*.

Reasons	
(e.g., clear indication of the problem, how the need was determined, objectives of the revision, expected benefits, etc.)	The reason of each proposal is as follows: Reason for Proposal 1: The element `u` has the attribute `style` with different values from the attribute of the element `o`. Reason for Proposal 2: The sub-element formula-text allows the data entry of very simple formulae without the verbosity of full mark up of maths and when available for chemistry. This modification has been agreed on at Trilateral-Office level. Reason for Proposal 3: This modification is for better handling of different PCT and EPO headings without relying on a style sheet. Reason for Proposals 4 to 6: This modification is aligned with the better bibliographic practice.

Appendix 1: List of Detailed Proposals
Appendix 2: Proposal For Revision of ICEs

[Appendix 1 follows]

ANNEX
Appendix 1

List of Detailed Proposals

	Proposal	Detailed Description

1	Change the attribute name style of the element o to ostyle;	`<!ELEMENT o  (#PCDATA | b | i | smallcaps | sup | sub )* >`
		
		Change From:
		`<!ATTLIST o  style   (single | double | dash | dots | leftarrow | rightarrow | leftrightarrow ) 'single' >`
		
		To:
		`<!ATTLIST o ostyle (single | double | dash | dots | leftarrow | rightarrow | leftrightarrow ) 'single' >`

2	Modify the elements math and chemistry to add the new sub-element formula-text;	**Change From** `<!ELEMENT maths (img	(math,img?)) >` **to** `<!ELEMENT maths (img	formula-text	(math,img?)) >`  **Change From** `<!ELEMENT chemistry (img	(chem,img?)) >` **to** `<!ELEMENT chemistry (img	formula-text	(chem,img?)) >`  **Add:** `<!ELEMENT formula-text (#PCDATA | b | i | u | o | sup | sub | smallcaps)* >`
3	Modify the element amended-claims to add the sub-element heading;	**Change From:** `<!ELEMENT amended-claims (doc-page+	(claim+ , amended-claims-statement*)+)>`  **to** `<!ELEMENT amended-claims (doc-page+	(heading?, claim+, amended-claims-statement*)+) >`
4	Change the sub-elements' order of element book	**Change From:** `<!ELEMENT book (text	(author* , (book-title+	conference) , (subtitle? , subname* , edition? , imprint? , descrip? , series? , absno? , location* , isbn* , pubid? , vid? , bookno? , notes? , class* , keyword* , cpyrt? , refno* , doi? , ino? , issn?)))>`  **To:** `<!ELEMENT book (text	(author*,(book-title+	conference), (subtitle?, subname*, edition?, imprint?, vid?, ino?, descrip?, series?, notes?, absno?, location*, pubid?, bookno?, class*, keyword*, cpyrt?, doi?, issn?, isbn*, refno*))) >`

	Proposal	**Detailed Description**
5	Change the sub-elements' order of element `online`	**Change From:** `<!ELEMENT online (text	(author* , online-title* , hosttitle? , subname* , edition? , (serial | book)? , imprint? , pubdate? , history? , series? , hostno? , location? , notes? , avail , class* , keyword* , cpyrt? , issn? , isbn? , datecit? , srchterm* , srchdate? , refno* , vid? , ino? , doi? , absno?))>`  **To:** `<!ELEMENT online (text	(author*,online-title*, hosttitle?, subname*, edition?, (serial | book)?, imprint?, pubdate?, `**`vid?, ino?`**`, history?, series?, hostno?, `**`absno?,`**` location?, notes?, avail*, class*, keyword*, cpyrt?, `**`doi?,`**` issn?, isbn?, datecit?, srchterm*, srchdate?, refno*)) >`

6	Change the sub-elements' order of element `serial`	**Change From:**
		`<!ELEMENT serial (sertitle , alttitle? , subname* , issue? , imprint? , pubdate? , descrip? , notes? , isbn? , issn? , pubid? , vid? , ino? , cpyrt? , doi?)>`
		
		To:
		`<!ELEMENT serial (sertitle, alttitle?, subname*, issue?, imprint?, pubdate?, descrip?, notes?, `**`pubid?, vid?, ino?, doi?, issn?, isbn?, cpyrt?`**`) >`

[Appendix 2 follows]

ANNEX
Appendix 2

Proposal For Revision of ICEs

Element Name	Description	Uses	Used By	In DTD	INID Code (ST9)	ST32	Category	Entry(E) / Revision Date	Remarks (Deprecated Date, PFR no., etc.)
o	Overscore: <u>ostyle</u> - single is default	b, i, smallcaps, sup, sub	p, dt, li, figref, crossref, heading, invention-title, statement, claim-text, dd, othercit, b, i, smallcaps, sub, sup, sub2, sup2	amendment-request, application-body, demand, iprp, package-data, pkgheader, power-of-attorney, request, search-report, table-external, wo-bibliographic-data, wo-published-application, xmit-receipt, xx-patent-document			Paragraph	2008-09-15 (E)	PFR ST.36/2009/001
maths	MATHEMATICS This is image data or coded according to mathml, version 2 Recommended id = math0001, math0002, etc.	img, math<u>, formula-text</u>	p, li, claim-text, dd	application-body, table-external, search-report, iprp, amendment-request, wo-published-application, xx-patent-document			Paragraph	2004-11-11 (E)	PFR ST.36/2009/001
chemistry	Chemistry Chemical formulae, ring structures, Markush structures, etc. For now treat as image data. Depending on industry support we may use, e.g., chemML, CML later Recommended id = chem0001, chem0002, etc	img, chem<u>, formula-text</u>	p, li, claim-text, dd	application-body, table-external, search-report, iprp, amendment-request, wo-published-application, xx-patent-document			Chemistry	2004-11-11 (E)	PFR ST.36/2009/001
<u>formula-text</u>	<u>This is for a simple mathematical or chemical formulae.</u> <u><!ELEMENT formula-text (#PCDATA | b | i | u | o | sup | sub | smallcaps)* ></u>	<u>b, i, u, o, sup, sub, smallcaps</u>	<u>maths, chemistry</u>	<u>application-body, table-external, search-report, iprp, amendment-request, wo-published-application, xx-patent-document</u>					PFR ST.36/2009/001

Element Name	Description	Uses	Used By	In DTD	INID Code (ST9)	ST32	Category	Entry(E) / Revision Date	Remarks (Deprecated Date, PFR no., etc.)
b	Bold formatting for text	i, u, o, smallcaps, sup, sub	p, dt, li, figref, crossref, heading, invention-title, u, o, statement, claim-text, dd, othercit, i, smallcaps, sub, sup, sub2, sup2, **formula-text**	package-data, request, application-body, power-of-attorney, table-external, pkgheader, xmit-receipt, demand, search-report, iprp, amendment-request, wo-bibliographic-data, wo-published-application, xx-patent-document			Paragraph	2008-09-15 2004-11-11 (E)	PFR ST.36/2009/001
i	Italic formatting for text	b, u, **o**, smallcaps, sup, sub	p, dt, li, figref, crossref, heading, invention-title, u, o, statement, claim-text, dd, othercit, b, smallcaps, sub, sup, sub2, sup2, **formula-text**	package-data, request, application-body, power-of-attorney, table-external, pkgheader, xmit-receipt, demand, search-report, iprp, amendment-request, wo-bibliographic-data, wo-published-application, xx-patent-document			Paragraph	2008-09-15 2004-11-11 (E)	PFR ST.36/2009/001
u	Underscore: style - single is default	b, i, smallcaps, sup, sub	p, dt, li, figref, crossref, heading, invention-title, statement, claim-text, dd, othercit, b, i, smallcaps, sub, sup, sub2, sup2, **formula-text**	package-data, request, application-body, power-of-attorney, table-external, pkgheader, xmit-receipt, demand, search-report, iprp, amendment-request, wo-bibliographic-data, wo-published-application, xx-patent-document			Paragraph	2004-11-11 (E)	PFR ST.36/2009/001
o	Overscore: style - single is default	b, i, smallcaps, sup, sub	p, dt, li, figref, crossref, heading, invention-title, statement, claim-text, dd, othercit, b, i, smallcaps, sub, sup, sub2, sup2, **formula-text**	amendment-request, application-body, demand, iprp, package-data, pkgheader, power-of-attorney, request, search-report, table-external, wo-bibliographic-data, wo-published-application, xmit-receipt, xx-patent-document			Paragraph	2008-09-15 (E)	PFR ST.36/2009/001

Element Name	Description	Uses	Used By	In DTD	INID Code (ST9)	ST32	Category	Entry(E) / Revision Date	Remarks (Deprecated Date, PFR no., etc.)
sup	Superscripted text	b, u, i, o, sup2, sub2	p, dt, li, figref, crossref, heading, invention-title, u, o, statement, claim-text, dd, othercit, b, i, **formula-text**	package-data, request, application-body, power-of-attorney, table-external, pkgheader, xmit-receipt, demand, search-report, iprp, amendment-request, wo-bibliographic-data, wo-published-application, xx-patent-document			Paragraph	2008-09-15 2004-11-11 (E)	PFR ST.36/2009/001
sub	Subscripted text	b, u, i, o, sup2, sub2	p, dt, li, figref, crossref, heading, invention-title, u, o, statement, claim-text, dd, othercit, b, i, **formula-text**	package-data, request, application-body, power-of-attorney, table-external, pkgheader, xmit-receipt, demand, search-report, iprp, amendment-request, wo-bibliographic-data, wo-published-application, xx-patent-document			Paragraph	2008-09-15 2004-11-11 (E)	PFR ST.36/2009/001
smallcaps	Small capitals	b, u, i, o	p, dt, li, figref, crossref, heading, u, o, claim-text, dd, b, i, **formula-text**	package-data, request, application-body, power-of-attorney, table-external, pkgheader, xmit-receipt, demand, search-report, iprp, amendment-request, wo-bibliographic-data, wo-published-application, xx-patent-document			Paragraph	2008-09-15 2004-11-11 (E)	PFR ST.36/2009/001
amended-claims	Amended content of original application	doc-page, **heading,** claim, amended-claims-statement	xx-patent-document	xx-patent-document			Amendments	2004-11-11 (E)	PFR ST.36/2009/001
heading	Heading text; see Rule 5. Recommended id = h0001, h0002, etc.	b, i, u, o, sup, sub, smallcaps	srep-search-opinion, description, sequence-list-text, industrial-applicability, mode-for-invention, best-mode, disclosure, advantageous-effects, tech-solution, tech-problem, description-of-drawings, background-art, technical-field, claims-statement, **amended-claims**	application-body, amendment-request, wo-published-application, xx-patent-document			Document Structure	2008-09-15 2004-11-11 (E)	PFR ST.36/2009/001

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