EXHIBIT P

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(d) XML-compliant **Definition** file (with a name ending in "_def.xml") relate

(e) XML-compliant Presentation file (with a name ending in "_pre.xml") Thi concepts with other concepts so that the resulting relations can guide the

(3) how each tagged numerical data item is identified and categorized from the infe

Claim Chart for U.S. Patent 10,223,337

Claim 1 **Infringement Analysis** A computer program product Non-limiting preamble. By way of background, the eXtensible Business Reporting L Financial Reporting standard (see http://www.xbrl.org/Specification/xbrl-recomme embodied on a non-transitory 31+corrected-errata-2012-01-25.htm) specifies a Report generation and formatting computer readable medium and computer program product embodied on a non-transitory computer readable med configured to be executed by a system including at least one **be executed by a system including at least one hardware processor** to process a se hardware processor, the eXtensible Markup Language (XML)-formatted files that specify: computer program product comprising instructions for: (1) how tagged numerical data items to be formatted in an XBRL Financial Report a tagged numerical data value that will be reported) related to a Concept (a particula meaning for the tagged numerical data value) in the context of the Taxonomy (a lis included in the Financial Report, and a collection of XML-compliant documents (link additional information that forms part of the concept definitions) for inclusion in a Report Instance Document (see XBRL "Essentials https://specifications.xbrl.org/xbr (2) how the numerical data items are tagged in the XML-compliant Instance Docum ending in ".xml"), which indicates the content of the Financial Report, to facilitate a related linkbases: (a) XML-compliant **Schema Definition** file (with a name ending in ".xsd") wh and semantic meaning information, (b) XML-compliant Label file (with a name ending in " lab.xml") which indic numeric data value, (c) XML-compliant Calculation file (with a name ending in "_cal.xml") which determine how to combine information and to determine that the set of documents are valid,



the referenced linkbases using the tags,

concepts,

interface, rendering, or visualization.

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Claim Chart for U.S. Patent 10,223,337

Claim 1	Infringement Analysis
	(4) how each tagged numerical data item is formatted for display,
	(5) how each tagged numerical data item is displayed hierarchically in relation to of data items,
	(6) how an individual tagged numerical data item is combined with other tagged numerical data item based on specified formulas relating meaning associated with the numerical data item's tag in accordance with informat XBRL Taxonomy file and the associated XBRL Calculation linkbase file, and
	(7) how the set of interrelated XBRL files are validated to ensure consistency and coinformation contained therein.
	The XBRL Financial Reporting standard specifies that each of the interrelated files of Financial Report are encoded using the eXtensible Markup Language (XML) syntax sinterpreted, manipulated and displayed using standard computer program products. Web "browser" (e.g., Microsoft Internet Explorer, Apple Safari, Google Chrome, Mc capable of interpreting the set of interrelated XML-compliant documents containing items and implementing the formatting, computation formulas and rules required to the XBRL encoded Financial Report in human readable form through the use of "comproduct embodied on a non-transitory computer readable medium and configured system including at least one hardware processor."
	Therefore, any preparation, editing and submission of a Financial Report that comp Financial Reporting Standard by Mattress Firm would entail use of such "computer embodied on a non-transitory computer readable medium and configured to be exincluding at least one hardware processor."
storing a plurality of original documents including a plurality of original values, including a first document including first values	In accordance with the XBRL Financial Reporting standard as described above, Mate editing and generating of an XBRL-compliant Financial Report would require "a con embodied on a non-transitory computer readable medium, comprising: storing a documents including a plurality of original values, including a first document including a standard as described above, Material Reporting and Standard as described above, Material Reporting and Standard as described above, Material Reporting standard as described above, Material Reporting standard as described above, Material Reporting and Standard as described above, Material Reporting and Standard as described above, Material Report would require "a con embodied on a non-transitory computer readable medium, comprising: storing a described above, Material Report would require "a con embodied on a non-transitory computer readable medium, comprising: storing a described above, Material Report would require "a con embodied on a non-transitory computer readable medium, comprising: storing a described above, and storing a storing a storing and storing and storing and storing a storing and storing and storing and storing and storing a storing and storing a storing and storing a storing and storing and storing and storing as a s
and a second document including	second document including second values".



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Claim Chart for U.S. Patent 10,223,337

Claim 1

Ciaiiii 1	miningement Analysis
	The XBRL Financial Reporting standard uses an XML-compliant computer-readable
	embodied on a non-transitory computer readable medium to describe the content
	Report, and associated <u>linkbases</u> embodied on a non-transitory computer readable
	semantic, formatting, calculation and validation information. Together, the XML-co
	readable Instance Document embodied on a non-transitory computer readable me
	computer-readable linkbase embodied on a non-transitory computer readable me
	the <i>tag</i> associated with each individual <i>data value</i> contained in the <u>instance Docur</u>
	plurality of original documents including a plurality of original values, including a
	including first values and a second document including second values".
	Therefore, any preparation, editing and submission of a Financial Report that comp
	Financial Reporting Standard by Mattress Firm would require "a computer program
	a non-transitory computer readable medium, comprising: storing a plurality of o
	including a plurality of original values, including a first document including first va
	document including second values" in order to store the XBRL Instance Document
	<u>linkbases</u> .
processing at least a part of the	In accordance with the XBRL Financial Reporting standard as described above, Mat
first document and at least a part	editing and generating of an XBRL-compliant Financial Report would require "a con
of the second document,	embodied on a non-transitory computer readable medium, comprising: process
resulting in at least one object	the first document and at least a part of the second document, resulting in at leas
including at least one reference	at least one reference to at least one of the plurality of original values of at least
to at least one of the plurality of	original documents".
original values of at least one of	
the plurality of original	The XBRL Financial Reporting Standard uses an XML-compliant computer-readable
documents;	embodied on a non-transitory computer readable medium to describe the content
	Report, and associated <u>linkbases</u> embodied on a non-transitory computer readable
	semantic, formatting, calculation and validation information. Together, the XML-co
	readable Instance Document embodied on a non-transitory computer readable me
	computer-readable linkbases embodied on a non-transitory computer readable m
	the <i>tag</i> associated with each individual <i>data value</i> contained in the <u>instance Docur</u>
	by "processing at least a part of the first document and at least a part of the seco

Infringement Analysis



in at least one object including at least one reference to at least one of the plurali

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Claim Chart for U.S. Patent 10,223,337

Claim 1	Infringement Analysis
	at least one of the plurality of original documents" in order to generate the requir
	Financial Report.
	Therefore, any preparation, editing and submission of a Financial Report that comp
	Financial Reporting Standard by Mattress Firm would require "a computer program
	a non-transitory computer readable medium, comprising: processing at least a
	document and at least a part of the second document, resulting in at least one ob
	one reference to at least one of the plurality of original values of at least one of th
	documents" in order to perform the actions specified in the XBRL <u>Instance Docume</u> <u>linkbases</u> .
receiving a user selection of one	In accordance with the XBRL Financial Reporting standard as described above, Matt
or more computer-readable	editing and generating of an XBRL-compliant Financial Report would require "a con
semantic tags;	embodied on a non-transitory computer readable medium, comprising: receivi
	one or more computer-readable semantic tags".
	The XBRL Financial Reporting Standard uses an XML-compliant computer-readable
	embodied on a non-transitory computer readable medium to describe the content
	Report, and associated <u>linkbases</u> <i>embodied on a non-transitory computer readable</i>
	semantic, formatting, calculation and validation information. During Mattress Firm
	of an XBRL-compliant Financial Report, code must exist to allow for user selection of
	computer-readable semantic tags from those available in the XBRL-compliant links
	the <i>tag</i> corresponding to the user's selection is associated with the <i>numeric data v</i>
	compliant <u>Instance Document</u> .
	Therefore, any preparation, editing and submission of a Financial Report that comp
	Financial Reporting Standard by Mattress Firm would require "a computer program
	a non-transitory computer readable medium, comprising: receiving a user select
	computer-readable semantic tags" in order to create and/or edit the XBRL Instance
	associated <u>linkbases</u> .
receiving a user selection of one	In accordance with the XBRL Financial Reporting standard as described above, Matter
or more of the original values;	editing and generating of an XBRL-compliant Financial Report would require "a con
	embodied on a non-transitory computer readable medium, comprising: receiving



one or more of the original values".

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