

Claim Charts for U.S. Patent 9,268,748

EXHIBIT R

Claim Charts for U.S. Patent 9,268,748

The following claim charts are preliminary in nature. e-Numerate reserves the right to amend and supplement these proceeds.

1. An apparatus, comprising:

a device; and

an application including a network browser on the device for accessing a system configured for:

identification of at least one computer-readable Extensible Markup Language (XML)-compliant data document;

a plurality of line items with a plurality of data values, and

a plurality of computer-readable semantic tags that describe a semantic meaning of the data values, where the at least one computer-readable XML-compliant data document is capable of including multiple hierarchical relationships between two line items;

parsing of the at least one computer-readable XML-compliant data document;

accessing a plurality of computer-readable rules including:

a computer-readable datatype rule for validation of a type of data values,

a computer-readable calculation rule for validation of a calculation involving data values, and

a computer-readable unit rule for validation of a unit of data values;

validation of the at least one computer-readable XML-compliant data document by:

identifying at least a subset of the computer-readable rules including at least one of:

the computer-readable datatype rule for validation of the type of data values,

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the computer-readable calculation rule for validation of the calculation involving data values

the computer-readable unit rule for validation of the unit of data values;

processing at least a portion of the data values of at least a portion of the line items of the at least one computer-readable XML-compliant data document, utilizing the at least subset of the computer-readable rules and at least a portion of the semantic tags of the at least one computer-readable XML-compliant data document;

said apparatus configured for:

accessing at least a portion of the at least one computer-readable XML-compliant data document utilizing the network browser.

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Claim 1 Elements	Applicability
<p>1. An apparatus, comprising:</p> <p>a device; and</p> <p>an application including a network browser on the device for accessing a system configured for:</p>	<p>Users of an XBRL validator use <i>an apparatus, comprising: a device; and an application including a network browser on the device for accessing a system</i>. See excerpt(s) below, for example (emphasis added):</p> <p>Note: Any entity using XBRL on an official basis requires use of an XBRL validator to ensure that an XBRL document complies with relevant rules set forth by the XBRL standard.</p> <p>Upon information and belief, the United States Department of Transportation (USDOT) and/or Office of Management and Budget (OMB) validate XBRL filings made to federal agencies, state organizations and infringe at least claim 1 of the '748 patent in violation of 35 U.S.C. § 271(a) by using the patented invention to, <i>inter alia</i>, process multiple XBRL-compliant filings. See pertinent excerpt(s) below illustrating applicability to the USDOT/OMB Act Information Model Schema (DAIMS), for example:</p> <p>DAIMS leverages and aligns with the following federal guidance and architecture:</p> <ul style="list-style-type: none"> eXtensible Business Reporting Language (XBRL) – an open international standard for business reporting. XBRL enables business reporting to move between the physical and accurate and digital manner <p>https://fiscal.treasury.gov/files/data-transparency/DAIMS-Architecture-v1.4.pdf</p> <p>https://fiscal.treasury.gov/data-transparency/DAIMS-current.html</p>
<p>identification of at least one computer-readable Extensible Markup Language (XML)-compliant data document including:</p>	<p>Users of an XBRL validator use <i>an application... configured for: identification of at least one computer-readable Extensible Markup Language (XML)-compliant data document including: a plurality of line items with a plurality of data values, and a plurality of computer-readable semantic tags that describe a semantic meaning of the data values and are each readably coupled to at least one of the data values, where the at least one computer-readable XML-compliant data document is capable of including multiple hierarchical relationships between two line items</i>. See excerpt(s) below, for example (emphasis added):</p>

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plurality of data values, and
 a plurality of computer-readable semantic tags that describe a semantic meaning of the data values and are each computer-readably coupled to at least one of the data values, where the at least one computer-readable XML-compliant data document is capable of including multiple hierarchical relationships between two line items;

Note: As set forth below, XBRL documents are required by the XBRL standard to be compliant and include a plurality of line items with a plurality of data values, and a plurality of computer-readable semantic tags.

“In XBRL terminology, a concept is a definition of a reporting term. Concepts are defined in the taxonomy Schema [SCHEMA-1] element definitions. In the taxonomy schema a concept is defined by a name and a type. The type defines the kind of data types allowed for facts measured against the concept definition. For example, a “cash” concept would typically have a monetary type. This declares that when cash is reported, its value will be monetary. In contrast to a “cash” concept, an “accountingPoliciesNote” concept would typically have a string type so that, when the “accountingPoliciesNote” is reported in an XBRL instance, its value would be an instance of a string of characters. Additional constraints on how concepts can be used are documented in the taxonomy Schema [SCHEMA-1] element definitions. The linkbases in a taxonomy further document the meaning of the concepts...The linkbases in a taxonomy further document the meaning of the concepts by expressing relationships between concepts (inter-concept relationships) and by providing links to their documentation.”

http://www.xbrl.org/Specification/xbrl-recommendation-2003-12-31+corrected-2005-01-25.htm#_Toc202578211

“The core XBRL specifications (see XBRL Essentials) define validation constraints that XBRL processors **must** impose on all XBRL reports. These constraints not only enforce basic syntax but also ensure that the reports comply with the definitions in the taxonomy.”

<http://specifications.xbrl.org/validation.html>

Note: As set forth below, XBRL documents are required by the XBRL standard to be compliant and be capable of including multiple hierarchical relationships between two line items;

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