

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;
computer-readably coupled to at least one of the data values, where the at least one computer-readable 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 (DOT) and/or Office of Management and Budget (OMB) validate XBRL filings made to DOT and OMB by federal 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 analog 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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<p>plurality of data values, and</p> <p>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;</p>	<p>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 computer-readable semantic tags.</p> <p>“In XBRL terminology, a concept is a definition of a reporting term. Concepts may be 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, an “accountingPoliciesNote” concept would typically have a string type so that, when the “accountingPoliciesNote” is reported in an XBRL instance, its value would be interpreted as 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 and the relationships between concepts (inter-concept relationships) and by reference to their documentation.”</p> <p>http://www.xbrl.org/Specification/xbrl-recommendation-2003-12-31+corrected-2005-12-31#_Toc202578211</p> <p>“The core XBRL specifications (see XBRL Essentials) define validation constraints that XBRL processors must impose on all XBRL reports. These enforce not only basic syntax but also ensure that the reports comply with the definitions in the taxonomy.”</p> <p>http://specifications.xbrl.org/validation.html</p> <p>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</p>
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