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

EXHIBIT R

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 do

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 da
computer-readably coupled to at least one of the data values, where the at least one computer-reada
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,

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 c compliant data document, utilizing the at least subset of the computer-readable rules and at least a portion o sematic 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.

Claim 1 Elements	Applicability
1. An apparatus, comprising: a device; and an application including a network browser on the device for accessing a system configured for:	Users of an XBRL validator use *an apparatus, comprising: a device; and an appli* *a network browser on the device for accessing a system*. See excerpt(s) below, f (emphasis added): **Note**: Any entity using XBRL on an official basis requires use of an XBRL validato an XBRL document complies with relevant rules set forth by the XBRL standard. Upon information and belief, the United States Department of Transportation (and/or Office of Management and Budget (OMB) validate XBRL filings made to organizations and infringe at least claim 1 of the '748 patent in violation of 35 U 271(a) by using the patented invention to, *inter alia*, process multiple XBRL-con filings. See pertinent excerpt(s) below illustrating applicability to the USDOT/OM Act Information Model Schema (DAIMS), for example: DAIMS leverages and aligns with the following federal guidance and architect • eXtensible Business Reporting Language (XBRL) – an open international business reporting. XBRL enables business reporting to move between accurate and digital manner https://fiscal.treasury.gov/files/data-transparency/DAIMS-Architecture-v1.4.pd https://fiscal.treasury.gov/data-transparency/DAIMS-current.html
identification of at least one computer-readable Extensible Markup Language (XML)-compliant data document including: a plurality of line items with a	Users of an XBRL validator use *an application… configured for: identification of* *computer-readable Extensible Markup Language (XML)-compliant data docume* *plurality of line items with a plurality of data values, and a plurality of compute* *semantic tags that describe a semantic meaning of the data values and are eac* *readably coupled to at least one of the data values, where the at least one com* *XML-compliant data document is capable of including multiple hierarchical rela* *two line items*. See excerpt(s) below for example (emphasis added):

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 t compliant and include a plurality of line items with a plurality of data values, ar computer-readable semantic tags. "In XBRL terminology, a concept is a definition of a reporting term. Concepts m Schema [SCHEMA-1] element definitions. In the taxonomy schema a concept is name and a type. The type defines the kind of data types allowed for facts mea to the concept definition. For example, a "cash" concept would typically have a This declares that when cash is reported, its value will be monetary. In contrast "accountingPoliciesNote" concept would typically have a string type so that, wh "accountingPoliciesNote" is reported in an XBRL instance, its value would be int string of characters. Additional constraints on how concepts can be used are do additional XBRL attributes on the XML Schema [SCHEMA-1] element definitions to the concepts…The linkbases in a taxonomy further document the meaning o expressing relationships between concepts (inter-concept relationships) and by to their documentation." http://www.xbrl.org/Specification/xbrl-recommendation-2003-12-31+corrected 25.htm#_Toc202578211 "The core XBRL specifications (see XBRL Essentials) define validation constraint processors **must** impose on all XBRL reports. These enforce not only basic synta 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 t compliant and be capable of including multiple hierarchical relationships betwe

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