

Claim Charts for U.S. Patent 9,600,842

# EXHIBIT Y

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

29. A computer program product embodied on at least one non-transitory computer readable medium and connected to at least one hardware processor to operate, the computer program product comprising:

code stored on the at least one non-transitory computer readable medium and configured to cause the at least one hardware processor to identify at least one computer-readable Extensible Markup Language (XML)-compliant data document and at least one Business Reporting Language (XBRL)-compliant and includes:

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; the at least one computer-readable XML-compliant data document is capable of including multiple hierarchical relationships between the plurality of line items;

code stored on the at least one non-transitory computer readable medium and configured to cause the at least one hardware processor to parse the at least one computer-readable XML-compliant data document, by:

receiving the at least one computer-readable XML-compliant data document,

identifying the multiple hierarchical relationships between the two line items, and at least one of the multiple semantic tags that describes the semantic meaning of at least one of the data values included in the at least one computer-readable XML-compliant data document;

code stored on the at least one non-transitory computer readable medium and configured to cause the at least one hardware processor to access 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;

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code stored on the at least one non-transitory computer readable medium and configured to cause the at least one processor to process 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; and

processing at least a portion of the data values of at least a portion of the plurality of 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 one computer-readable semantic tags of the at least one computer-readable XML-compliant data document;

code stored on the at least one non-transitory computer readable medium and configured to cause the at least one processor to display a result of a validation of the at least one computer-readable XML-compliant data document;

code stored on the at least one non-transitory computer readable medium and configured to cause the at least one processor to develop a report, by:

identifying the at least one computer-readable semantic tag that describes the semantic meaning of the at least one data value included in the at least one computer-readable XML-compliant data document, and

retrieving data from one or more sources to represent the at least one data value in the report.

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Claim 29 Elements	Applicability
<p>A computer program product embodied on at least one non-transitory computer readable medium and configured to cause at least one hardware processor to operate, the computer program product comprising:</p>	<p>Toppan Merrill Bridge (which is used by Mattress Firm) includes <i>a computer program product embodied on at least one non-transitory computer readable medium and configured to cause at least one hardware processor to operate, the computer program product.</i></p> <p><b>Note:</b> Any entity using XBRL on an official basis requires use of an XBRL validator. An XBRL document complies with relevant rules set forth by the XBRL standard.</p> <p>Upon information and belief, Mattress Firm infringed the '842 Patent in violation of U.S.C. § 271(a) by using the patented invention to, inter alia, prepare and file multiple XBRL-compliant filings with the SEC. Further, upon information and belief, Merrill Lynch, Pierce, Fenner &amp; Smith, Inc. ("Merrill Lynch"), and Merrill Lynch Communications and Merrill Corporation have directly infringed the '842 patent by making, using, selling or offering to sell the Merrill Bridge product to its customers and prospective customers. The SEC has admitted it is responsible for all patent infringement liability in connection with the SEC filings.</p> <p>By way of example and not limitation, Toppan Merrill Bridge (which is used by Mattress Firm) operates in conjunction with the Microsoft Office suite of products including Microsoft Word, Powerpoint, and Excel.</p>

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### CAPABILITIES



#### Intuitive Integration

Leverage your Excel®, Word® and PowerPoint® data to the Microsoft Office-enabled Bridge platform for quick, easy content creation that reflects live updates to your data. Change once, change everywhere.



#### EDGAR and XBRL Expertise

Automatically generate precise EDGAR and XBRL / iXBRL-compliant submissions to meet SEC and other regulatory filing requirements. Ongoing compliance with US-GAAP and IFRS Taxonomies.



#### Team Collaboration

Grant team members permission to edit, comment, track changes and review past versions on one shared, secure platform. All in real time.



#### Vital Accuracy, Enhanced S

Utilizing Excel® data-linking documents always reflect the financials. Reduce errors and



#### Inline XBRL (iXBRL) Leader

Maintain compliance with S with seamless, integrated iXBRL technology is backed with T expertise, guaranteeing you accurate, up-to-date and pr the truest light.



#### Security

ISO/IEC 27001 and SOC 2 your documents are protect security standards. Toppan member of the [Cloud Secur](#)

<https://toppanmerrill.com/bridge/>

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