EXHIBIT A – All Four Asserted Patents

	U.S. Patent No. 7,170,519			
Term/Phrase/Clause	**Claims**	**Preliminary Construction**	**Preliminary Extrin**	
"graph style data item"	1, 5, 12, 14, 15, 16, 17, 18, 20, 21, 22, 25, 28, 31, 32, 40, 41, 42, 43, 44, 45, 48, 50, 54, 56, 57	A data item which exists substantially independent of the application generating the data and the application generating the graphical output.	Defendants res on the expert te Mark Jones	
"graph style data structure"	34, 54, 55, 56, 58	A structure that uses a metadata approach whose abstraction is at a level above the particular type of graphic used to display the data.	Defendants res on the expert te Mark Jones	
"graph style metadata"	1, 6, 18, 33, 34, 37, 46, 57, 58	Metadata that is at a level above the particular type of graphic used to display the data and is used independent of the graphic type used to depict the data.	Defendants res on the expert te Mark Jones	
"non-textual format" // "non-textual formatted output"	1, 2, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 17, 28, 31, 33, 34, 37, 38, 39, 40, 41, 42, 43, 44, 45, 50, 54, 57, 58	Indefinite.	Defendants res on the expert te Mark Jones reg clear what non non-textual for means, and how formatted outp	
"wherein the graph style data items include a second association between the statistical roles and the different variables"	5, 6, 7	Indefinite.	Defendants res on the expert te Mark Jones reg unclear what is style data items	

Term/Phrase/Clause	Claims	Preliminary Construction	Preliminary
			association bet roles and the d
"wherein the graph style metadata identifies a data variable as having a category role and identifies another data variable as having a response role, said category role and said response role being used by in different output non-textual formats"	37, 38, 39	Indefinite.	Defendants res on the expert te Mark Jones reg regarding how whether "said said response r "by"/"in" "diff textual formats
35 U.S.C. § 112(6)			
"the graph generator module"	34, 58	§ 112(6) applies. Function: receives data to be displayed in a non-textual format; having data access to the graph style data structure; generating at least one graphical output based upon the received data Structure: None.	Defendants res on the expert te Mark Jones reg corresponding term.

U.S. Patent No. 7,447,686			
Term/Phrase/Clause	**Claims**	**Preliminary Construction**	**Preliminary** **Extrin**
"a superset of the SQL standard"	27, 28	Indefinite Alternative Construction for "superset": a set which includes another set or sets	Oxford Diction Ed.) ("superset Defendants res on the expert te

DOCKET
ALARM

			Jones regarding
"wherein the switching of the association includes switching pointing of the first method to the second method for the first software driver"	45	Indefinite.	Defendants res on the expert te Jones regarding what it means t pointing of the second method driver.
"wherein the first component software object is associated with a first method to textualize"	1	Indefinite.	Defendants res on the expert te Jones regarding what is meant textualize.
"wherein a first software driver textualizes through a second method"	1	Indefinite.	Defendants res on the expert te Jones regarding how or if the fi textualizes thro method at least also states that switching of th first componen first componen textualizes thro method; that th driver overridir which a compo textualizes but description sup software driver a second metho

Term/Phrase/Clause	Claims	Preliminary Proposed Construction	Preliminary
			the patent does software driver a second metho
"wherein a second software driver textualizes through a third method"	1	Indefinite.	Defendants res on the expert te Jones regarding how or if the se driver textualiz method; that th driver overridir which a compo textualizes but description sup software driver a third method; does not enable driver textualiz method.

U.S. Patent No. 8,498,996			
Term/Phrase/Clause	**Claims**	**Preliminary Proposed Construction**	**Preliminary** **Extrin**
"native" / "non-native"	1, 2, 5, 6, 13, 19, 20, 23, 24, 31, 37, 38, 41, 42, 48, 49	Indefinite.	Defendants als rely on the exp Mark Jones reg of skill in the a understand this because it is ur native means ir what or in relat

			syntax is native
			Antonio Gonça
			EE 6 with Glas
			2010) at 151-1

U.S. Patent No. 6,920,458			
Term/Phrase/Clause	**Claims**	**Preliminary Construction**	**Preliminary Extrin**
"data model"	1, 2, 3, 4, 5, 6, 9, 11, 12, 14, 15, 24, 25, 26, 27, 28, 61, 63, 64, 65, 66, 67, 70, 72, 73, 75, 76, 85, 86, 87, 88, 89	a set of attributes related to the run of a data mining application, including the name and location of the data set that was analyzed and the resulting analysis.	Defendants res on the expert te Mark Jones reg of this term.
"index structure"	1, 4, 5, 11, 12, 14, 15, 24, 26, 27, 28, 61, 65, 66, 72, 73, 76, 87, 88, 89	A pre-determined structure within the model repository for storing and indexing the generated data models to allow search and retrieval of the generated data models.	SASPROD_W 00393125; SASPROD_W 00393448; SASPROD_W 00393217 Defendants res on the expert te Mark Jones reg of this term.
35 U.S.C. § 112(6)			
"model repository facility"	1, 3, 61, 64	§ 112(6) applies.	Defendants res on the expert te

Explore Litigation Insights

DOCKET ALARM

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS
Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS
Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS
Sync your system to PACER to automate legal marketing.