### IN THE UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS MARSHALL DIVISION

| IP INNOVATION L.L.C. and | § |
|--------------------------|---|
| TECHNOLOGY LICENSING     | § |
| CORPORATION,             | § |
|                          | § |
| Plaintiffs,              | § |
|                          | § |
| VS.                      | § |
|                          | § |
| GOOGLE, INC.,            | § |
|                          | § |
| Defendant.               | § |

CASE NO. 2:07 CV 503 PATENT CASE

#### ORDER

This is a preliminary order concerning the claim construction of U.S. Patent Nos. 5,675,819

("the '819 patent") and 5,276,785 ("the '785 patent"). The Court's preliminary determination of

disputed terms in the '819 and '785 patents are listed in the chart below. A full claim construction

opinion will be forthcoming.

#### **Disputed Terms from the '819 Patent:**

| Term or Phrase             | Court's Construction  |
|----------------------------|---|
| "thesaurus"                | a data structure that defines semantic relatedness between  |
| (Claims 1, 25, 27, 28, 31) | words   |
| "word vector"              | a variable numerical quantity, which can be resolved into   |
| (Claims 1, 25, 27, 28, 31) | components, that provides a representation of a lexical co- |
| (Claims 1, 23, 27, 20, 51) | occurrence pattern  |
| "lexical co-occurrence"    | two words that appear in text within some distance of each  |
| (Claim 1)                  | other   |
| "corpus of documents"      | a collection of documents which can be accessed by an       |
| (Claims 1, 25, 27, 28, 31) | information retrieval system                                |
| "range"                    | the distance within a body of text surrounding a retrieved  |
| (Claim 1)                  | word  |
| "context vector"           | a combination of the weighted sums of the thesaurus vectors |
| (Claims 25, 27, 28, 31)    | of all the words contained in the document                  |
| "co-occurrence of words"   | two words that appear in text within some distance of each  |
| (Claims 1, 25, 27, 28, 31) | other   |

| "correlation coefficient" | a value representing or corresponding to the degree to which |
|---------------------------|--|
| (Claims 25, 27, 28, 31)   | two variables are similar                                    |

## **Disputed Terms from the '785 Patent:**

| Term or Phrase                 | Court's Construction   |
|--------------------------------|--|
| "point of interest"            | [AGREED] a point indicated by the user and relative to which |
| (Claims 52, 55)                | the viewpoint can move                                       |
| "viewpoint coordinate data"    | data representing the position of the viewpoint in a three   |
| (Claims 1 and 52)              | dimensional workspace  |
|                                | Function: providing signals                                  |
| "user input means for          |  |
| providing signals"             | Corresponding Structure: one or more user input devices      |
| (Claim 52)                     | including a keyboard, a mouse, and a multidimensional input  |
|                                | device such as a VPL glove, and each of their equivalents    |
| "the user can request          |  |
| viewpoint motion and point of  | the user can individually request viewpoint motion and point |
| interest motion independently" | of interest motion   |
| (Claim 52)                     |  |
| "motion requesting signal set" | data indicating a user's request for movement of an image    |
| (Claim 52)                     | presentation on a display                                    |
| "viewpoint motion"             | perceived movement of the viewpoint of an image              |
| (Claims 1, 28, 42, and 52)     | presentation on a display                                    |
| "point of interest motion"     | perceived movement of a point of interest on an image        |
| (Claim 52)                     | presentation on a display                                    |
| "radial motion"                | perceived movement along a ray                               |
| (Claim 55)                     | percerved movement along a lay                               |
| "ray"                          | [AGREED] a straight line extending from a radial source      |
| (Claim 55)                     | [AOKEED] a subight line extending from a faulat source       |

# So ORDERED and SIGNED this 12th day of November, 2009.



LEONARD DAVIS UNITED STATES DISTRICT JUDGE