

**IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE**

PERSONALIZED USER MODEL LLP	:	
	:	
Plaintiff,	:	
	:	
v.	:	Civ. No. 09-525-LPS
	:	
GOOGLE INC.	:	
	:	
Defendant.	:	

ORDER

At Wilmington this 25th day of January, 2012:

For the reasons set forth in the Opinion issued this same date, the Court construes the disputed claim terms in the ‘040 and ‘276 patents as follows:

1. “user” and “user u” mean “a person operating a computer or the associated representation of the user.”
2. “user-specific data files” means “the monitored user interactions with data and a set of documents associated with the user.”
3. “monitored user interactions with the data” means “the collected information about the user’s interactions with data.”
4. “parameters” means “values or weights.”
5. “estimating parameters of a learning machine” means “estimating values or weights of the variables of a learning machine.”
6. “learning machine” means a “mathematical function and/or model used to make a prediction, that attempts to improve its predictive ability over time by altering the values/weights given to its variables, depending on a variety of knowledge sources, including monitored user

interactions with data and a set of documents associated with the user.”

7. “User Model specific to the user” means “an implementation of a learning machine updated in part by data specific to the user.”

8. “user-specific learning machine” means “a learning machine [as construed] specific to the user.”

9. “document” means “an electronic file including text or any type of media.”

10. “estimating” means “approximating or roughly calculating.”

11. “probability” means “numerical degree of belief or likelihood.”

12. “unseen document” means “document not previously seen by the user.”

13. “estimating a probability $P(u/d)$ that an unseen document d is of interest to the user u ” means “approximating or roughly calculating a numerical degree of belief or likelihood that an unseen document d is of interest to the user u given the information that is known about the unseen document.”

14. “estimating a posterior probability $P(u/d,q)$ that a document d is of interest to the user u given a query q submitted by the user” means “approximating or roughly calculating a numerical degree of belief or likelihood that a document d is of interest to the user u given the information that is known about the document, and given a query q .”

15. “present” and “presenting” mean “to provide or make available.”

16. “documents of interest to the user” means “documents [i.e., electronic files (including text or any type of media)] for which the user has a positive response.”

17. “documents not of interest to the user” means “documents [i.e., electronic files (including text or any type of media)] for which the user has a negative response or has ignored.”

18. “user interest information derived from the User Model” means “interests or other

information inferred from the User Model.”

The Court will also adopt the parties’ agreed-upon constructions, as follows:

1. “set” means “group or collection.”
2. “set of documents associated with the user” means “group or collection of documents associated with the user.”
3. “automatic” means “without human intervention.”
4. “central computer” means “computer on the server side of a client-server relationship.”

The Court further concludes that no construction is necessary to resolve the parties’ disputes with respect to the antecedent basis and order of steps issues.


UNITED STATES DISTRICT JUDGE