EXHIBIT A

Claim 1 of '040 Patent	Claim 1 of '276 Patent
1. A computer-implemented method for providing automatic, personalized information services to *a user u*, the method comprising:	1. A computer-implemented method for providing personalized information services to *a user*, the method comprising:
a) transparently monitoring *user* interactions with data while the *user* is engaged in normal use of a computer;	[a] transparently monitoring *user* interactions with data while the *user* is engaged in normal use of a browser program running on the computer;
b) updating *user-specific data files*, wherein the user-specific data files comprise *the monitored user interactions with the data and a set of documents associated with the user*;	[b] analyzing the monitored data to determine *documents of interest to the user*;
c) *estimating parameters of a learning machine*, wherein the parameters define a *User Model specific to the user* and wherein the parameters are estimated in part from the *user-specific data files*;	[c] *estimating parameters of a user-specific learning machine* based at least in part on the *documents of interest to the user*;
d) analyzing a *document d* to identify properties of the *document*;	[d] receiving a search query from the *user*;
e) *estimating a probability P(u|d) that an unseen document d is of interest to the user u*, wherein the *probability P(u|d)* is estimated by applying the identified properties of the document to the *learning machine* having the parameters defined by the *User Model*; and	[e] retrieving a plurality of *documents* based on the search query;
f) using the estimated probability to provide automatic, personalized information services to the *user*.	[f] for each retrieved *document* of said plurality of retrieved *document*, and applying the identified properties of the retrieved document to *the user-specific learning machine* to *estimate a probability that the retrieved document is of interest to the user*; and
	[g] using the estimated probabilities for the respective plurality of retrieved documents to *present* at least a portion of the retrieved *documents* to the *user*.