

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Amazon.com, Inc.	08/10/2004

RECEIVING PARTY DATA

Name:	A9.com, Inc.
Street Address:	400 Hamilton Avenue
Internal Address:	Suite 300
City:	Palo Alto
State/Country:	CALIFORNIA
Postal Code:	94301

PROPERTY NUMBERS Total: 43

Property Type	Number
Application Number:	08724943
Application Number:	60066125
Application Number:	09196026
Application Number:	10000235
Application Number:	09196421
Application Number:	10000743
Application Number:	08995868
Application Number:	09033824
Patent Number:	6185558
Application Number:	09665822
Application Number:	09847954
Application Number:	09206774
Application Number:	10046919
Application Number:	10238049

PATENT

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REEL: 015341 FRAME: 0120

CH \$1720.00 08724943

Application Number:	10425767
Application Number:	09344802
Application Number:	60237672
Application Number:	09954719
Application Number:	10278773
Patent Number:	6625609
Application Number:	09145360
Application Number:	09411441
Application Number:	60089244
Application Number:	09115662
Application Number:	09517786
Application Number:	10114555
Application Number:	09442677
Application Number:	10208337
Application Number:	10639253
Application Number:	09443013
Application Number:	09528138
Application Number:	09532230
Application Number:	60170151
Application Number:	09528127
Application Number:	10404992
Application Number:	60169570
Application Number:	09551787
Application Number:	09650173
Application Number:	09729646
Application Number:	10286430
Application Number:	60336235
Application Number:	10392203
Application Number:	10634633

CORRESPONDENCE DATA

Fax Number: (206)359-9000

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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NAME OF SUBMITTER:	Steven D. Lawrenz
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Total Attachments: 8
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ASSIGNMENT

WHEREAS, Amazon.com, Inc., a corporation of the state of Delaware having a place of business at 1200 12th Ave South, Suite 1200, Seattle, WA 98144 ("Assignor"), is the owner of record of the United States and international and foreign patent applications ("Applications") and patents ("Patents") listed in the attached Schedule A. 1 *sch* *JHL*
9/17/04 *17 SEP 04*

WHEREAS, A9.com, Inc., a corporation of the State of Delaware having a place of business at Suite 300, 400 Hamilton Avenue, Palo Alto, CA 94301 ("Assignee"), desires to acquire the entire right, title and interest in and to the Applications, the Patents, and to any corresponding patents that may be granted in the United States or in any foreign countries or regions.

For valuable consideration, the receipt and sufficiency of which is acknowledged, Assignor hereby sells, assigns, and transfers to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Applications and Patents; any divisionals, continuations, and continuations-in-part of the Applications and any other applications claiming priority rights from the Applications or Patents; any reissues, reexaminations, or extensions of any of the Applications or Patents; all claims for damages and all remedies arising out of any violation of the rights assigned herein that may have accrued prior to the date of assignment to Assignee, or may accrue hereafter, including the right to sue for, collect, and retain, damages for past infringements; the right to file international and foreign applications directly in the name of Assignee or otherwise; the right to claim priority rights deriving from the Applications or Patents; and the right to apply for and obtain corresponding patent or similar protection throughout the world (collectively, the "Rights"). Assignor warrants that it is the sole and exclusive owner of the Rights, and that the Rights are unencumbered. Assignor agrees to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Applications or any other applications for patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignor requests the Commissioner of Patents to issue any patent of the United States that may be issued on the Applications to Assignee.

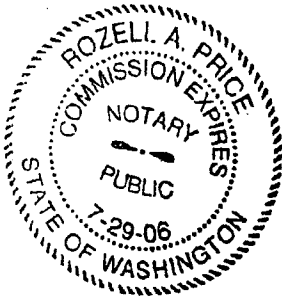
AMAZON.COM, INC.

By Stephen Bishop
Name (print) Stephen Bishop
Title Assistant Secretary
Date 10 August 2004

STATE OF WASHINGTON)
) ss:
COUNTY OF KING)

I certify that I know or have satisfactory evidence that Stephen C. Bishop is the person who appeared before me, and that he stated under oath that he is the duly elected and acting Assistant Secretary of Amazon.com, Inc., that he has the authority to execute this instrument, and that his execution of this instrument is his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated this 10th day of August, 2004.



Rozell A. Price
- NOTARY PUBLIC
In and for the State of Washington USA.
residing at Seattle, WA, Washington USA.
My Appointment expires: July 29, 2006

A9.COM, INC.

Jonathan Leblang

By

Jonathan Leblang

Name (print)

Vice President

Title

16 AUGUST 2004

Date

STATE OF CALIFORNIA)

SANTA CLARA COUNTY)

ss:

I certify that I know or have satisfactory evidence that Jonathan Leblang is the person who appeared before me, and that he stated under oath that he is the duly elected and acting Vice President of A9.com, Inc., that he has the authority to execute this instrument, and that his execution of this instrument is his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated this 16th day of August, 2004.



Jeff Macdonald
Jeff Macdonald - NOTARY PUBLIC

In and for the State of California USA.

residing at Palo Alto California USA.

My Appointment expires: July 25, 2008

Schedule 1

Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issue Date
017907-000100JP	Japan	Method and Apparatus for Structuring the Querying and Interpretation of Semi Structured Information	269792/97	10/2/1997		
017907-000100US	US	Method and Apparatus for Structuring the Querying and Interpretation of Semi Structured Information	08/724,943	10/2/1996	5,826,258	10/20/1998
017907-000200US	US	Method for Creating an Information Closure Model	60/066,125	11/21/1997		
017907-000210US	US	Method for Creating an Information Closure Model	09/196,026	11/19/1998		
017907-000211US	US	Method for Creating an Information Closure Model	10/000,235	11/30/2001	6,539,378	3/25/2003
017907-000220US	US	Method and Apparatus for Creating Extractors, Field Information Objects and Inheritance Hierarchies in a Framework for Retrieving Semistructured Information	09/196,421	11/19/1998		
017907-000221US	US	Method & Apparatus for Creating Extractors, Field Information Objects and Inheritance Hierarchies in a Framework for Retrieving Semistructured Information	10/000,743	11/30/2001	6,571,243	5/27/2003
017907-000300US	US	Method for Data Gathering Around Forms and Search Barriers	08/995,868	12/22/1997	5,963,949	10/5/1999

Schedule 1

Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issue Date
24976.8005.AU00	Australia	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	19290/99	12/18/1998	757550	6/19/2003
24976.8005.CA00	Canada	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	2320293	12/18/1998		
24976.8005.DE00	Germany	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	69815898.9	12/18/1998	1060449	6/25/2003
24976.8005.EP00	Europe	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	98964094.1	12/18/1998	1060449	6/25/2003
24976.8005.FR00	France	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	98964094.1	12/18/1998	1060449	6/25/2003
24976.8005.IN00	India	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	IN/PCT/00299	12/18/1998		
24976.8005.IT00	Italy	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	98964094.1	12/18/1998	1060449	6/25/2003
24976.8005.JP00	Japan	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	2000-534,960	12/18/1998		
24976.8005.MX00	Mexico	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	2000/008603	12/18/1998		
24976.8005.NZ00	New Zealand	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	506229	12/18/1998	506229	6/9/2003
24976.8005.UK00	United Kingdom	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	98964094.1	12/18/1998	1060449	6/25/2003
24976.8005.US00	US	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	09/033,824	3/3/1998		
24976.8005.US1	US	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	09/041,081	3/10/1998	6,185,558	2/6/2001
24976.8005.US2	US	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	09/665,822	9/20/2000		

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Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issue Date
24976.8005.US3	US	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	09/847,954	5/2/2001		
24976.8005.WO	Patent Cooperation Treaty	Identifying the Items Most Relevant to a Current Query Based on Items Selected in Connection with Similar Queries	PCT/US98/26985	12/18/1998		
24976.8008.US00	US	Method and System for Generation of Hierarchical Search Results	09/206,774	12/7/1998	6,366,910	4/2/2002
24976.8008.US01	US	Method and System for Generation of Hierarchical Search Result	10/046,919	1/15/2002		
24976.8008.US02	US	Method and System for Generation of Hierarchical Search Result	10/238,049	9/9/2002		
24976.8008.US03	US	Method and System for Generation of Hierarchical Search Result	10/425,767	4/28/2003		
24976.8012.US00	US	Identifying Items Relevant to a Current Query Based on Items Accessed In Connection With Similar Queries	09/344,802	6/25/1999		
24976.8012.WO	Patent Cooperation Treaty	Identifying Items Relevant to a Current Query Based on Items Accessed In Connection With Similar Queries	PCTUS00/17653	6/26/2000		
24976.8027.US00	US	Multidimensional Search of Documents	60/237,672	10/3/2000		
24976.8027.US01	US	Multidimensional Search of Documents	09/954,719	9/17/2001		
24976.8030.US00	US	On Line Shopping Assistant	10/278,773	10/23/2002		
24976.8036.US00	US	Method and System for Navigating Within a Body of Data Using One of a Number of Alternative Browse Graphs	09/433,799	11/3/1999	6,625,609	9/23/2003
24976.8036.US01	US	Method and System for Navigating Within a Body of Data Using One of a Number of Alternative Browse Graphs-US	10/619,654	7/14/2003		
24976.8036.WO	Patent Cooperation Treaty	Method and System for Navigating Within a Body of Data Using One of a Number of Alternative Browse Graphs	PCTUS00/27159	10/3/2000		

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Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issue Date
AMAZON.004A	US	Method of Using Historical Query Information to Generate and Display Related Search Terms	09/145,360	9/1/1998	6,006,225	12/21/1999
AMAZON.004C1	US	System and Method for Refining Search Queries	09/411,441	10/1/1999	6,169,986	1/2/2001
AMAZON.004PR	US	System and Method for Refining Search Queries	60/089,244	6/15/1998		
AMAZON.004VCA	Canada	System and Method for Refining Search Queries	2334792	6/11/1999		
AMAZON.004VEP	Europe	System and Method for Refining Search Queries	99930195.5	6/11/1999		
AMAZON.004VJP	Japan	System and Method for Refining Search Queries	2000-555183	6/11/1999		
AMAZON.004VMX	Mexico	System and Method for Refining Search Queries	12374	6/11/1999		
AMAZON.004VPC	Patent Cooperation Treaty	System and Method for Refining Search Queries	PCTUS99/13035	6/11/1999		
AMAZON.006A	US	System and Method for Correcting Spelling Errors in Search Queries	09/115,662	7/15/1998	6,144,958	11/7/2000
AMAZON.006C1	US	System and Method for Correcting Spelling Errors in Search Queries Using Both Matching and Non-Matching Search Terms	09/517,786	3/2/2000	6,401,084	6/4/2002
AMAZON.6C1C1	US	System and Methods for Predicting Correct Spellings of Terms in Multiple-Term Search Queries	10/114,555	4/1/2002		
AMAZON.006VCA	Canada	System and Method for Correcting Spelling Errors in Search Queries	2337249	7/8/1999		
AMAZON.006VEP	Europe	System and Method for Correcting Spelling Errors in Search Queries	99935478	7/8/1999		
AMAZON.006VJP	Japan	System and Method for Correcting Spelling Errors in Search Queries	2000-560519	7/8/1999		
AMAZON.006VMX	Mexico	System and Method for Correcting Spelling Errors in Search Queries	2001-000469	7/8/1999		
AMAZON.006VPC	Patent Cooperation Treaty	System and Method for Correcting Spelling Errors in Search Queries	PCTUS99/15596	7/8/1999		
AMAZON.016A	US	System and Method for Exposing Popular Categories within a Browse Tree	09/442,677	11/18/1999	6,489,968	12/3/2002
AMAZON.016C1	US	Computer Processes for Selecting Nodes to Call to Attention of a User During Browsing of a Hierarchical Browse structure	10/208,337	7/29/2002	6,606,619	8/12/2003
AMAZON.16C1C1	US	Computer Processes for Selecting Items and Item Categories to Call to Attention of a User During Browsing of a Hierarchical Browse structure	10/639,253	8/12/2003		
AMAZON.017A	US	System and Method for Exposing Popular Nodes within a Browse Tree	09/443,013	11/18/1999	6,466,918	10/15/2002
AMAZON.044A	US	System and Method for Locating Web-based Product Offerings	09/528,138	3/17/2000		
AMAZON.044VEP	Europe	System and Method for Locating and Displaying Web-Based Product Offerings	992854	12/7/2000		

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Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issue Date
AMAZON.044VPC	Patent Cooperation Treaty	System and Method for Locating and Displaying Web-Based Product Offerings	PCTUS00/42645	12/7/2000		
AMAZON.046A	US	Search Query Refinement Using Related Search Phrases	09/532,230	3/22/2000		
AMAZON.046PR	US	Search Query Refinement Using Related Search Phrases	60/170,151	12/10/1999		
AMAZON.047A	US	System and Method for Presenting Multiple-Category Search Results	09/528,127	3/17/2000		
AMAZON.047C1	US	Search Query Processing to Provide Category-Ranked Presentation of Search Results	10/404,992	3/31/2003		
AMAZON.047PR	US	System & Method for Locating and Displaying Web-Based Product Offerings/Search Engine for Locating Web Pages with Product Offerings	60/169,570	12/8/1999		
AMAZON.055A	US	Search Query Autocompletion	09/551,787	4/18/2000	6,564,213	5/13/2003
AMAZON.055VEP	Europe	Search Query Autocompletion	1923070.5	4/2/2001		
AMAZON.055VPC	Patent Cooperation Treaty	Search Query Autocompletion	PCTUS01/10713	4/2/2001		
AMAZON.059A	US	Voice Interface and Methods for Improving Recognition Accuracy of Voice Search Queries	09/650,173	8/29/2000		
AMAZON.060A	US	Grammar Generation for Voice-Based Searches	09/729,646	12/4/2000		
AMAZON.076A	US	Computer Process for Automatically Refining a List of Items based on User Actions	10/286,430	10/30/2002		
AMAZON.076PR	US	Computer Process for Automatically Refining a List of Recommended Items Based on User Actions	60/336,235	10/30/2001		
AMAZON.091A	US	Generation and Selection of Voice Recognition Grammars for Conducting Database Searches	10/392,203	3/18/2003		
AMAZON.095A	US	Error Processing Methods for Providing Responsive Content to a User when a Page Load Error Occurs	10/634,633	8/5/2003		