

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Macromedia, Inc.	12/07/2005
<b>RECEIVING PARTY DATA</b>	
Name:	Adobe Systems Incorporated
Street Address:	345 Park Avenue
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95110
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12757839
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(877)769-7945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(858) 678-5070
Email:	lyg@fr.com
Correspondent Name:	John-Paul Fryckman
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	07844/1051002 / M066
NAME OF SUBMITTER:	John-Paul Fryckman
<b>Total Attachments: 11</b> source=Assignment MMI - Adobe#page1.tif source=Assignment MMI - Adobe#page2.tif source=Assignment MMI - Adobe#page3.tif source=Assignment MMI - Adobe#page4.tif	

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**ASSIGNMENT OF PATENTS AND APPLICATIONS BY  
MACROMEDIA, INC. TO ADOBE SYSTEMS INCORPORATED**

Effective this 7<sup>th</sup> day of DECEMBER, 2005, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Macromedia, Inc., a Delaware corporation having a business address at 601 Townsend Street, San Francisco, California 94103, ("Assignor") does hereby:

- (a) represent and warrant that Assignor is the sole owner of the patents and provisional and non-provisional patent applications listed on the Attachment ("Patents and Applications");
- (b) assign and transfer to Adobe Systems Incorporated, a Delaware corporation having a business address at 345 Park Avenue, San Jose, California 95110-2704 ("Assignee"), all of Assignor's right, in the United States, its territorial possessions, and all foreign countries, to:
  - (i) any and all inventions described in each Patent or Application listed on the Attachment (the "Inventions");
  - (ii) said Patents and Applications;
  - (iii) any patent which may be granted therefor;
  - (iv) the right to file applications for patent of the United States or other countries on the Invention(s),
  - (v) any application(s) for patent of the United States or other countries claiming the Invention(s);
  - (vi) any patent applications or patents which may claim priority of any of said Patents and Applications (including but not limited to any and all continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, and all other rights, together with all priority rights, under any existing or future international patent conventions, unions, agreements, acts or treaties); and
  - (vii) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (ii) through (vi)
- (c) agree, upon request by and at the expense of Assignee (or its successors, assigns or legal representatives), to: (i) execute all oaths, assignments, powers of attorney and any other papers; (ii) testify in any legal or quasi legal proceedings; (iii) take any action; and (iv) otherwise fully cooperate with Assignee; in connection with perfecting Assignee's title, or securing, maintaining and enforcing Assignee's rights, under this assignment; and
- (d) represent, warrant and covenant that no assignment, grant, mortgage, license or other agreement inconsistent with the rights and property herein conveyed to Assignee has been made or shall be made by Assignor.

Assignor hereby requests the issuance of said patents to Assignee for the sole use and behalf of Assignee, its successors, legal representatives and assigns.

Macromedia, Inc. ("Assignor")

Date: 12/7/2005

By: Karen O. Cottle  
Karen O. Cottle  
Vice President and Secretary

STATE OF California §  
COUNTY OF San Jose §

BEFORE ME, the undersigned authority, on this 7 day of December, 2005, personally appeared Karen O. Cottle known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he ~~she~~<sup>her</sup> executed the same of his own free will for the purposes and consideration therein expressed.

Renee Keller  
Notary or Consular Officer

[SEAL]



Adobe Systems Incorporated ("Assignee")

Date: 12/7/2005

By: Karen O. Cottle

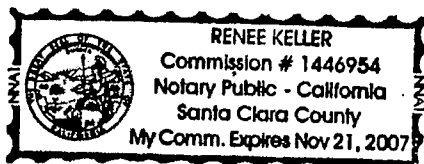
Karen O. Cottle  
Senior Vice President, General Counsel  
and Corporate Secretary

STATE OF California §  
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 7 day of December, 2005, personally appeared Karen O. Cottle known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he ~~she~~ executed the same of ~~his~~ own free will for the purposes and consideration therein expressed. her

Renee Keller  
Notary or Consular Officer

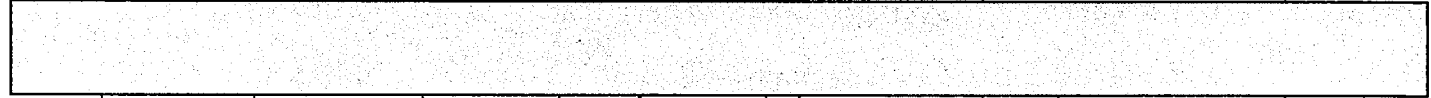
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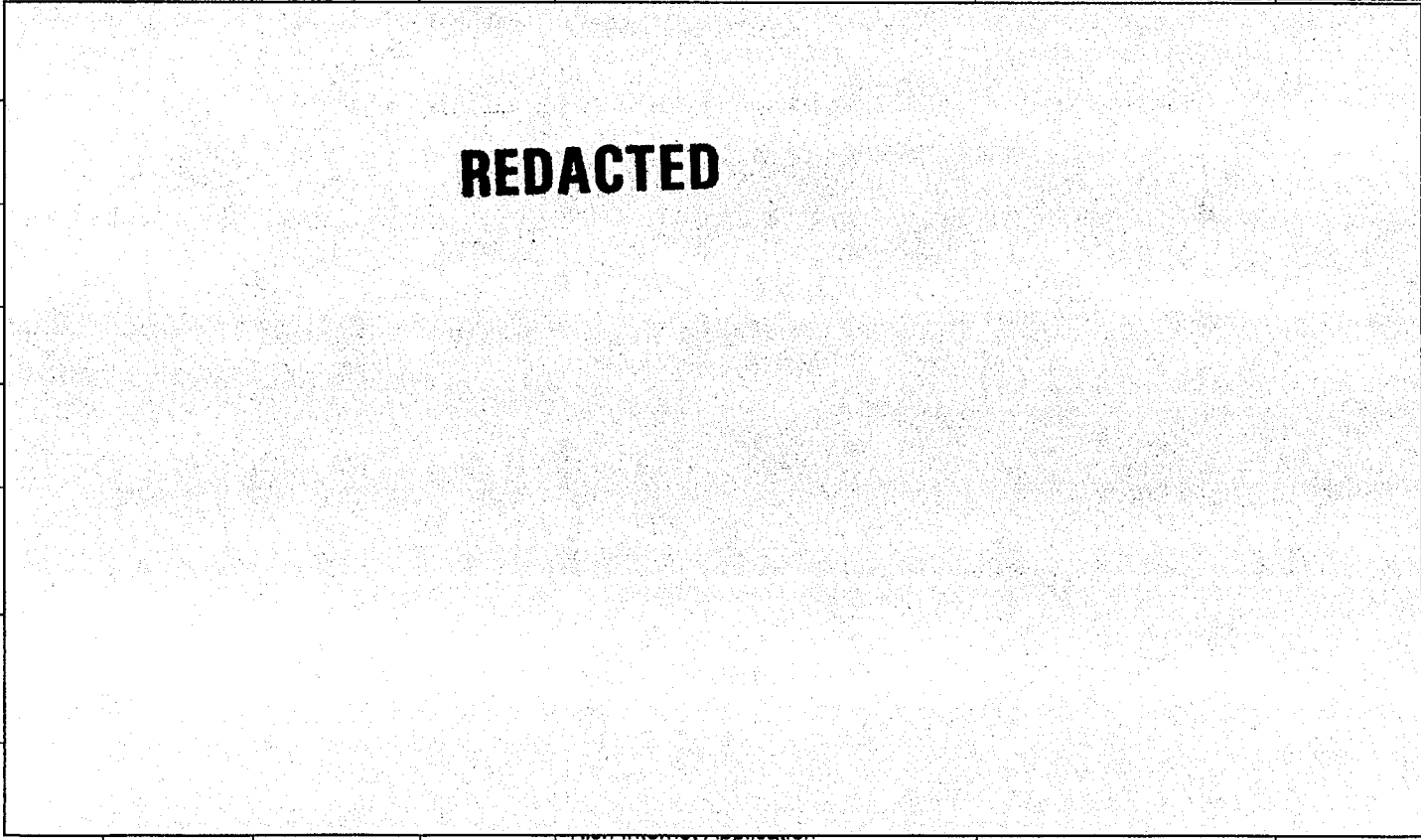
**ATTACHMENT**

<b>PATENTS AND APPLICATIONS</b>						
<b>Country</b>	<b>Serial No./ Pat. No.</b>	<b>Filing Date</b>	<b>Issue Date</b>	<b>Title of Invention</b>	<b>Inventor(s)</b>	<b>Status</b>
US	6,771,276	10/27/2000	8/3/2004	A Two Dimensional Drawing Environment Utilizing Perspective Grids	Delores Highsmith, Fan Yu, David Halpin	Issued
US	6,558,431	9/11/1998	5/6/2003	Storing Valid and Invalid Markup Language In Strict and Relaxed Tables Respectively	Kevin M. Lynch, Narciso B. Jaramillo, Hava B. Edelstein, Benjamin G. Fuller	Issued
US	6,459,439	4/27/1999	10/1/2002	Reshaping of Paths Without Respect to Control Points	John B. Ahlquist, Jr., Douglas S. Benson, Fan Yu, Ateven R. Johnson, Brian T. Schmidt	Issued
US	6,373,490	3/9/1998	4/16/2002	Using Remembered Properties to Create and Regenerate Points Along an Editable Path	Matthew Bendiksen, Dennis E. Griffin	Issued
<b>REDACTED</b>						
<b>REDACTED</b>						
US	Des. 424,036	7/29/1996	5/20/2000	(Net Objects) Computer Generated Icon of Primary and Secondary Navigator Bars for a Display Screen	Samir Arora, Clement Mok, Victor B. Zauderer, Susan Kare	Issued
US	5,911,145	7/29/1996	6/8/1999	(Net Objects) Hierarchical Structure Editor for Web Sites	Samir Arora; Gagan Arora, Rajagopal Lakshminarayan, Gregory Brown, Martin Fried-Nielsen, Clement Mok, David Kleinberg	Issued
US	Des. 403,674	7/29/1996	1/5/1999	(Net Objects) Computer Icon for a Display Screen (Site)	Samir Arora, Clement Mok, Victor B. Zauderer, Susan Kare	Issued
US	Des. 403,673	7/29/1996	1/5/1999	(Net Objects) Computer Icon for a Screen (Spoked Wheel)	Samir Arora, Clement Mok, Victor B. Zauderer, Susan Kare	Issued
US	5,845,299	7/29/1996	12/1/1998	(Net Objects) Draw-Based Editor for Web Pages	Samir Arora; Gagan Arora, Rajagopal Lakshminarayan, Gregory Brown, Martin Fried-Nielsen,	Issued
US	Des. 399,501	7/29/1996	10/13/1998	(Net Objects) Computer Icon for a Display Screen (Arrows)	Samir Arora, Clement Mok, Victor B. Zauderer, Susan Kare	Issued
US	Des. 399,196	7/29/1996	10/6/1998	(Net Objects) Computer Icon for a Display Screen (Publish)	Samir Arora, Clement Mok, Victor B. Zauderer, Susan Kare	Issued
US	5,808,610	8/28/1996	9/15/1998	Method and System of Docking Panels	Doug Benson, Keith Bottner, Michael Froman, Scott Thompson	Issued
US	Des. 397,687	7/29/1996	9/1/1998	(Net Objects) Computer Icon for a Display Screen (Pocket)	Samir Arora, Clement Mok, Victor B. Zauderer, Susan Kare	Issued

US	Des. 397,103	7/29/1996	8/18/1998	(Net Objects) Computer Icon for a Display Screen (Assets)	Samir Arora,	Issued
US	Des. 395,428	7/29/1996	6/23/1998	(Net Objects) Computer Icon for a Display Screen (Page)	Samir Arora, Clement Mok, Victor B. Zauderer, Susan Kare	Issued
US	Des. 395,427	7/29/1996	6/23/1998	(Net Objects) Computer Icon for a Display Screen (Style)	Samir Arora, Clement Mok, Victor B. Zauderer, Susan Kare	Issued
US	5,623,593	6/27/1994	4/22/1997	System and Method for Automatically Spacing Characters	Henry D. Spells	Issued
US	5,594,855	1/9/1995	1/14/1997	System & Method for Generating Real Time Calligraphic Curves	James R. Von Her, II; Steven R. Johnson; Samantha Seals_Mason.	Issued



US	5,500,927	3/18/1993	3/19/1996	System & Method for Simplifying a Computer-Generated Path	Robert B. Sander-Cederlog; John B. Ahlquist	Issued
US	5,467,443	9/25/1991	11/14/1995	System & Method For Automatically Generating Derived Graphic Elements	Steven R. Johnson; Kevin F. Crowder, Samantha Seals-Mason; James R. Von Ehr, II	Issued
US	5,434,959	2/11/1992	7/18/1995	System & Method of Generating Variable Width Lines Within A Graphics System	James R. VonEhr, II; John B. Ahlquist, Jr.; Samntha Seals-Mason	Issued
US	5,361,333	6/4/1992	11/1/1994	System & Method For Generating Self-Overlapping Calligraphic Images	Ahlquist, Jr.; John B. Von Her, II; James R. Seals_Mason, Samantha	Issued
US	5,353,396	6/4/1992	10/4/1994	System & Method For Generating Complex Calligraphic Curves	Ahlquist, Jr.; John B. Von Her, II; James R. Seals_Mason, Samantha	Issued



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US	11/217,073	8/31/2005		Systems and Methods for Providing Visual Component Layout Input in Alternate Forms	Elliot Greenfield, David George	Pending
[REDACTED]						
US	11/209,335	8/23/2005		Content Collapse Outside of Selection	Christopher Bank, Joaquin Blas, John Skidgel	Pending
US	11/210,270	8/23/2005		Message Cues Associated with Content Collapse Indicators	Joaquin Blas, John Skidgel	Pending
US	11/210,250	8/23/2005		Automatic Content Expansion Indicators	Joaquin Blas, John Skidgel	Pending
US	11/194,118	7/29/2005		Systems and Methods for Specifying States within Imperative Code	Sho Kuwamoto, Eliot Greenfield, Mark Anders	Pending
US	11/192,985	7/29/2005		Exposing Rich Internet Application Content to Search Engines	Elliot Greenfield, Mark Anders, Sho Kuwamoto, Todd Rein	Pending
US	11/192,987	7/29/2005		Enhanced Design Guides	Andrew Finnell	Pending
US	11/193,319	7/29/2005		Systems and Methods for a Fold Preview	John Skidgel	Pending
US	11/192,986	7/29/2005		Parameterized Motion Paths	Sho Kuwamoto	Pending
US	11/189,094	7/25/2005		Defining Style Values as Objects	Elliot Greenfield, David George	Pending
US	11/187,626	7/22/2005		CSS Proto Chaining	David George, Edwin Smith	Pending
US	11/182,503	7/15/2005		Singly-Addressable Electronic Meeting Space	Bhanu Sharma	Pending
US	11/183,192	7/15/2005		Randomly Accessible Automated Meeting Persistence	Bhanu Sharma	Pending
US	11/175,114	7/5/2005		Localized Exploded View	Dexter Reid, Narciso Jaramillo, Mark Anders	Pending
US	11/172,423	6/30/2005		Constrained Absolute Positioning	Ely Greenfield	Pending
US	11/172,422	6/30/2005		Rendition-Based Graphical Layout Management	Gordon Smith	Pending
US	11/173,985	6/30/2005		Fast Seek in Streaming Media	Srinivas Manapragada, Pritham Shetty, Asa	Pending



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US	11/173,957	6/30/2005		Enhanced Seek in Streaming Media	Srinivas Manapragada, Pritham Shetty, David Simmons	Pending
US	11/140,582	5/27/2005		Block Visualization	Victor Mitnick	Pending
US	11/120,658	5/3/2005		Visual Template Authoring	Jorege Taylor, Amit Kishnani, Joshua Margulis	Pending
US	11/120,637	5/3/2005		Interactive Special Paste	Victor Mitnick, Jay London	Pending
US	11/112,964	4/22/2005		Element View Toggling	Randall Edmunds	Pending
US	11/110,651	4/20/2005		Integration of Telephone Audio Into Electronic Meeting Archives	Nigel Pegg, Srinivas Manapragada, Bhanu Sharma	Pending
US	11/103,344	4/11/2005		Visual Interface Element Transition Effect	Nigel Pegg	Pending
<b>REDACTED</b>						
US	11/069,932	2/28/2005		Application Server Gateway Technology	Xu Chen, Thomas Jordahl, Damon Cooper	Pending
US	11/062,898	2/22/2005		DTD-Based Properties Lists	Dean Harmon	Pending
US	11/049,368	2/2/2005		Report Engine With In-Memory Query Engine	Camille Batarekh, Geoff Greene	Pending
US	11/019,101	12/21/2004		Configurable File Placement	Brandon Kroupa	Pending
US	11/002,729	12/2/2004		File System Atomic Lock	Eric M. Herrmann, Darrick P. Brown	Pending
US	10/978,832	10/31/2004		Centralized, Server-Less Content Management	Charles McBrian	Pending
US	10/978,833	10/31/2004		Document Generation From WebPages	Xu Chen, Damon Cooper, Geoff Greene, Michael Nimer, Sherman Gong	Pending
US	10/975,036	10/27/2004		Automatic Component Update and Integration	Heidi Bauer Williams	Pending
US	10/974,556	10/27/2004		Enhanced Navigation for Visual Design Editing	Dexter Reid, Tatyana Dimalasky	Pending
US	10/959,952	10/6/2004		Intelligent Cut, Copy, and Paste	Valerie Green	Pending
US	10/955,972	9/30/2004		Preserving Document Construct Fidelity in Converting Graphic-Represented Documents into Text-Readable Documents	Mark Wineman, Yizhen Jiang, Dazheng Wang	Pending
US	10/954,977	9/30/2004		Smart Document Import	Mark Wineman, Yizhen Jiang, Dazheng Wang	Pending
US	10/930,679	8/31/2004		Relevant Rule Inspector for Hierarchical Documents	James Doubek, Jorge Taylor, Narciso Jaramillo, Sho Kuwamoto	Pending
US	10/930,714	8/31/2004		Automatic Creation of Cascading Style Sheets	Russ Helfand, Narciso Jaramillo	Pending
US	10/927,963	8/27/2004		Expanded Container View for Graphical Editing Environment	Victor Mitnick, Alain Dumesny, Dexter Reid,	Pending

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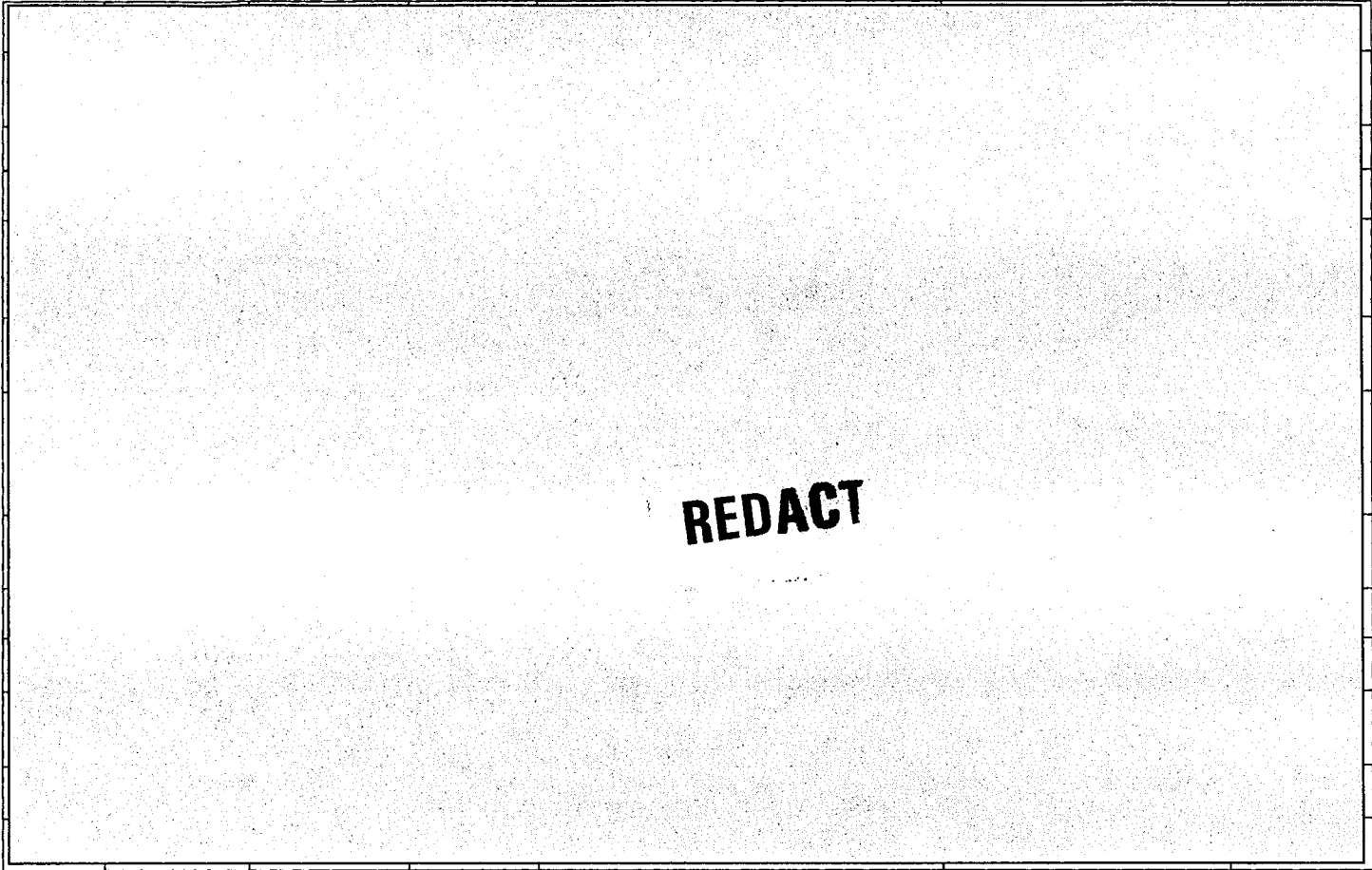
US	10/856,424	5/29/2004		Ad Hoc Access Rights in Restricted - Access Electronic Space	Jonathan Gay, Giacomo Guilizzoni	Pending
US	10/856,701	5/28/2004		Intelligent Automatic Window Sizing	Jonathan Gay, Giacomo Guilizzoni	Pending
US	10/857,254	5/28/2004		Dynamically Adaptable Collaborative Electronic Meeting Space	Jonathan Gay, Giacomo Guilizzoni	Pending
US	10/856,734	5/28/2004		Presenter-Only Meeting Canvas for Collaborative Electronic Meeting Space	Jonathan Gay, Giacomo Guilizzoni	Pending
US	10/856,334	5/28/2004		Visual Merge Utility	Yizhen Jiang, Weihua Wang, Mark Wineman	Pending
US	10/856,428	5/28/2004		Automatically Scalable Presentation of Video Demonstration Content	Arlyn Asch	Pending
US	10/856,429	5/28/2004		Seamless Integration of Video Capture in Demonstration Applications	Arlyn Asch	Pending
US	10/857,606	5/27/2004		Real-Time Meeting Object Extensibility	Jonathan Gay, Giacomo Guilizzoni	Pending
US	10/854,762	5/26/2004		System and Method for Archiving Collaborative Electronic Meetings	Slavik Lozben	Pending
US	10/831,529	4/23/2004		Cross-View Undo Edits for Multi-View Editing Environments	Jeffrey Schang	Pending
US	10/803,290	3/18/2004		Method and System for Automatically Captioning Actions in a Recorded Electronic Demonstration	Arlyn Asch, Bjorn Pedersen, Magnus Nirell, Qian Zhang	Pending
US	10/796,785	3/8/2004		A System and Method for Managing Instantiation of Interface Elements in Rich Internet Applications	Albert Gordon Smith, Glenn Ruehle, Eliot Greenfield	Pending
US	10/794,173	3/5/2004		Management of User Interaction History with Software Applications	Glenn Ruehle	Pending
US	10/795,120	3/5/2004		System and Method for Routing Data	Matthew Chotin, Eliot Greenfield, David George, Glen Daniels	Pending
US	10/791,299	3/1/2004		System and Method for Developing Information for a Wireless Information System	Basil Hosmer, Brian Connolly, Saurav Chatterjee, Samuel MacDonnell, Norm Meyrowitz, James Morris, Laurent Sellier	Pending
US	10/791,298	3/1/2004		Mobile Rich Media Information System	James Morris, Samuel MacDonnell, Dmitri Abramov, Laurent Sellier, David Bliss, Jacquie Moss, Norm Meyrowitz, Brian Connolly, Basil Hosmer, Saurav Chatterjee, Christopher Peterson, Guno Sutiono	Pending
US	10/791,311	3/1/2004		Bandwidth Management System	Dwight Rodgers, Brian Connolly, James Morris, Laurent Sellier, Basil Hosmer	Pending

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US	10/690,980	10/21/2003		Content-Restricted Editing	Ken Sundermeyer, Kuwamoto	Pending
US	10/690,214	10/21/2003		Web Site Management Lifecycle	Mike Sundermeyer, Jaramillo	Pending

US	10/689,870	10/21/2003		Automatic Set Up for Editing a Web Site	Josh Margulis	Pending
US	10/689,860	10/21/2003		Cross-Protocol URL Mapping	Darrick Brown	Pending
US	10/688,062	10/17/2003		Live-Server Content Staging	McBrian, Brown, Ken Sundemeyer	Pending
[REDACTED]						
US	10/465,039	6/19/2003		System and Method for Representing Multiple Sets of Z-Space Information in a User Interface Display	Lin, Knight	Pending
US	10/424,561	4/28/2003		Enhanced Visual Table Editing	Heidi Bauer Williams	Pending
US	10/425,004	4/28/2003		Flexible User Interface Assistant	George, Jaramillo, McBrian	Pending
US	10/402,357	3/28/2003		Shared Persistent Objects	Lozben, Edelman, Gay, Shetty, Cheng	Pending
US	10/377,144	2/28/2003		Reconstitute Tag-Delimited Tables in Graphics Editing Application	Thrall, Edgin	Pending
[REDACTED]						
US	10/366,646	2/13/2003		Real-Time Priority-Based Media Communication	Lozben, Edelman, Gay, Shetty	Pending
US	10/353,782	1/29/2003		Server Proxy Object Creation Method and System	Lozben, Edelman, Gay, Shetty, Cheng	Pending
US	10/353,811	1/29/2003		Client Controllable Server Side Play lists	Lozben, Edelman, Gay, Shetty, Cheng	Pending
<b>REDACTED</b>						
US	10/277,625	10/22/2002		Universal Component System for Application Servers	Simeonov, Washburn, Muzilla	Pending
US	10/263,124	10/2/2002		Hierarchical Drag and Drop Structure Editor for Web Sites	S. Arora, G. Arora, Lakshminanra, Brown, Frid-Nielson, Mok, Kleinberg	Pending
[REDACTED]						
US	10/164,322	6/5/2002		Web Application Internationalization	Clement Wong	Pending

US	10/107,238	3/27/2002		Draw-Based Editor for Web Pages	S. Arora, G. Arora, Lakshminanra, Brown, Frid-Nielson	Continuation of Issued Patent 5,845,299
US	10/062,576	1/31/2002		Layered Master Pages	Spells, Halpin, Yu	Pending
[REDACTED]						
US	10/001,213	10/25/2001		Graphical Insertion of Java script Pop-Up Menus	Alquist, Benson, Griffin	Pending
US	10/001,212	10/25/2001		Graphical Assignment of Object Behaviors	Benson, Griffin	Pending
US	10/011,266	10/25/2001		Launch and Edit User Interface Improvements	Benson, Dumesny	Pending
[REDACTED]						
US	09/158,644	9/22/1998		Hierarchical Structure Editor for Web Sites	Arora, Lakshminanra, Brown, Frid-Nielson, Mok, Kleinberg	Abandoned
US	09/153,536	9/16/1998		Draw-Based Editor for Web Pages	S. Arora, G. Arora, Lakshminanra, Brown, Frid-Nielson	Pending
US	08/827,634	4/9/1997		Method and Apparatus for Implementing Web Pages Having Smart Tables	Boye	Pending
[REDACTED]						



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