

EXHIBIT 1



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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
90/009,670	01/22/2010	6546552	GOOGLE 3.6-141	4316

21839 7590 10/28/2010

BUCHANAN, INGERSOLL & ROONEY PC
POST OFFICE BOX 1404
ALEXANDRIA, VA 22313-1404

EXAMINER

ART UNIT PAPER NUMBER

DATE MAILED: 10/28/2010

Please find below and/or attached an Office communication concerning this application or proceeding.



DO NOT USE IN PALM PRINTER

(THIRD PARTY REQUESTER'S CORRESPONDENCE ADDRESS)

GOOGLE

LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP

600 SOUTH AVENUE WEST

WESTFIELD, NJ 07090

***EX PARTE* REEXAMINATION COMMUNICATION TRANSMITTAL FORM**

REEXAMINATION CONTROL NO. 90/009,670.

PATENT NO. 6546552.

ART UNIT 3992.

Enclosed is a copy of the latest communication from the United States Patent and Trademark Office in the above identified *ex parte* reexamination proceeding (37 CFR 1.550(f)).

Where this copy is supplied after the reply by requester, 37 CFR 1.535, or the time for filing a reply has passed, no submission on behalf of the *ex parte* reexamination requester will be acknowledged or considered (37 CFR 1.550(g)).

Notice of Intent to Issue Ex Parte Reexamination Certificate	Control No.	Patent Under Reexamination	
	90/009,670	6546552	
	Examiner	Art Unit	
	ANDREW L. NALVEN	3992	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1. Prosecution on the merits is (or remains) closed in this *ex parte* reexamination proceeding. This proceeding is subject to reopening at the initiative of the Office or upon petition. Cf. 37 CFR 1.313(a). A Certificate will be issued in view of
- (a) Patent owner's communication(s) filed: 6/29/2010.
- (b) Patent owner's late response filed: _____.
- (c) Patent owner's failure to file an appropriate response to the Office action mailed: _____.
- (d) Patent owner's failure to timely file an Appeal Brief (37 CFR 41.31).
- (e) Other: _____.
- Status of *Ex Parte* Reexamination:
- (f) Change in the Specification: Yes No
- (g) Change in the Drawing(s): Yes No
- (h) Status of the Claim(s):
- (1) Patent claim(s) confirmed: 1-68.
- (2) Patent claim(s) amended (including dependent on amended claim(s)): _____
- (3) Patent claim(s) canceled: _____.
- (4) Newly presented claim(s) patentable: _____.
- (5) Newly presented canceled claims: _____.
- (6) Patent claim(s) previously currently disclaimed: _____
- (7) Patent claim(s) not subject to reexamination: _____.
2. Note the attached statement of reasons for patentability and/or confirmation. Any comments considered necessary by patent owner regarding reasons for patentability and/or confirmation must be submitted promptly to avoid processing delays. Such submission(s) should be labeled: "Comments On Statement of Reasons for Patentability and/or Confirmation."
3. Note attached NOTICE OF REFERENCES CITED (PTO-892).
4. Note attached LIST OF REFERENCES CITED (PTO/SB/08 or PTO/SB/08 substitute).
5. The drawing correction request filed on _____ is: approved disapproved.
6. Acknowledgment is made of the priority claim under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some* c) None of the certified copies have
- been received.
- not been received.
- been filed in Application No. _____.
- been filed in reexamination Control No. _____.
- been received by the International Bureau in PCT Application No. _____.
- * Certified copies not received: _____.
7. Note attached Examiner's Amendment.
8. Note attached Interview Summary (PTO-474).
9. Other: _____.

/Andrew L Nalven/
Primary Examiner, Art Unit 3992

cc: Requester (if third party requester)

Art Unit: 3992

DETAILED ACTION

The following Office action is being written for reexamination proceedings 90/009,670 (hereafter "the '9670 proceeding). The '9670 proceeding covers the reexamination of claims 1-68 of US Patent No. 6,546,552 (hereafter "the '552 patent").

STATEMENT OF REASONS FOR PATENTABILITY AND/OR CONFIRMATION

Original claims 1-68 are confirmed as patentable.

The following is an examiner's statement of reasons for patentability and/or confirmation of the claims found patentable in this reexamination proceeding:

The closest prior art, Wetmore, teaches a method of installing a vectorized software patch into a read only memory. Wetmore's system operates by compiling source files into object files, vectorizing the object files, linking the vectorized object files, and creating the final binary values from the linked vectorized object files. Wetmore's system fails to teach the claimed features of:

"substantially each reference in an entry in said old program that is different than corresponding entry in said new program due to delete/insert modifications that form part of the transition between said old program and new program are reflected as invariant references in the corresponding entries in said modified old and modified-new programs"

Claims 8, 11, 21, 24, 28, 42, 45, 55, 58, 62, and all claims dependent therefrom.

Art Unit: 3992

“for substantially each reference entry...replacing the reference...by a distinct label mark” *Claims 1, 4, 14, 17, 26, 35, 38, 48, 51, 61, and all claims dependent therefrom.*

Wetmore fails to teach the above noted limitations because Wetmore does not teach the creating of invariant references. Instead, Wetmore's references are symbolic and not invariant. (*see Patent Owner's Remarks submitted 6/29/2010, Pages 10-12*). Further, Wetmore fails to teach the claimed use of distinct label marks for the same reason as above and because Wetmore only teaches the replacement of entry points. Thus, Wetmore fails to teach replacing the reference for substantially each reference entry.

CORRESPONDENCE

All correspondence relating to this ex parte reexamination proceeding should be directed:

By EFS: Registered users may submit via the electronic filing system EFS-Web, at <https://sportal.uspto.gov/authenticate/authenticateuserlocalepf.html>.

By Mail to: Mail Stop *Ex Parte* Reexam
Central Reexamination Unit
Commissioner for Patents
United States Patent & Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

By FAX to: (571) 273-9900
Central Reexamination Unit

By hand: Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

For EFS-Web transmissions, 37 CFR 1.8(a)(1)(i) (C) and (ii) states that correspondence (except for a request for reexamination and a corrected or replacement request for reexamination) will be considered timely filed if (a) it is transmitted via the Office's electronic filing system in accordance with 37 CFR 1.6(a)(4), and (b) includes a certificate of transmission for each piece of correspondence stating the date of transmission, which is prior to the expiration of the set period of time in the Office action.

Any inquiry concerning this communication or earlier communications from the Examiner, or as to the status of this proceeding, should be directed to the Central Reexamination Unit at telephone number (571) 272-7705.

Signed:

/Andrew Nalven/

Andrew Nalven
CRU Examiner
GAU 3992
(571) 272-3839

Conferee: ESK

Conferee: JA

SIXTH
INFORMATION DISCLOSURE
 (use as many sheets as necessary)

In Re Reexamination Application of:	SHARON PELEG
Patent No./Issued:	6,548,552; April 8, 2003
Reexam Control No.:	90/009,670
Examiner/Group Art Unit:	Andrew L. Nalven/3992
Confirmation No.:	4316
Attorney Docket No.:	0077898-000001

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
<i>ESK</i>	5,699,275	12-16-1997	BEASLEY et al.	
<i>ESK</i>	6,496,974 B1	12-17-2002	SLIGER et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	STATUS							
	Country Code ¹ , Number, Kind Code				Translation	Partial Translation	Eng. Language Summary	Search Report	IPE R	Abstract	Cited In Spec. / Pg. No(s).	

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
<i>ESK</i>	JAMES J. HUNT et al., "Distributed Configuration Management via Java and the World Wide Web", University of Karlsruhe, Germany

Examiner Signature	<i>Andrew L. Nalven</i>	Date Considered	10/27/10
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitute for form 1449/PTO & 1449B/PTO		Complete if Known	
EIGHTH INFORMATION DISCLOSURE (use as many sheets as necessary)		In Re Reexamination Application of:	SHARON PELEG
		Patent No./Issued:	6,546,552; April 8, 2003
		Reexam Control No.:	90/009,670
		Examiner/Group Art Unit:	Andrew L. Nalven/3992
		Confirmation No.:	4316
		Attorney Docket No.:	0077898-000001

Sheet 1 of 1

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document Country Code ¹ , Number, Kind Code	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	STATUS						
				Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec. / Pg. No(s).
	JP 404242829A	1992-08-31	FUJITSU LTD.						X	
	JP 5091550A	1993-04-09	OKI ELECTRIC IND. CO., LTD./ NIPPON KOSOKU TSHUSHIN KK						X	


NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature	Date Considered	09/29/2010
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.N./

Reexamination 	Application/Control No. 90/009,670	Applicant(s)/Patent Under Reexamination 6546552
	Certificate Date	Certificate Number C1

Requester Correspondence Address: <input type="checkbox"/> Patent Owner <input checked="" type="checkbox"/> Third Party
GOOGLE LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP 600 SOUTH AVENUE WEST WESTFIELD, NJ 07090

LITIGATION REVIEW <input checked="" type="checkbox"/>	aln <small>(examiner initials)</small>	3/15/10 <small>(date)</small>
Case Name	Director Initials	
09cv11813-DPW - Red Bend v Google	<i>Ein</i>	<i>Heard for</i> <i>TY</i>

COPENDING OFFICE PROCEEDINGS	
TYPE OF PROCEEDING	NUMBER
1. <i>no concurrent office proceedings</i>	
2.	
3.	
4.	




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BIB DATA SHEET

CONFIRMATION NO. 4316

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
90/009,670	01/22/2010	717	3992	GOOGLE 3.6-141		
APPLICANTS						
6546552, Residence Not Provided; RED BEND LTD.(OWNER), RAMAT, ISRAEL; GOOGLE INC.(3RD.PTY.REQ.), MOUNTAIN VIEW, CA; LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP, WESTFIELD, NJ;						
** CONTINUING DATA *****						
This application is a REX of 09/376,512 08/18/1999 PAT 6,546,552						
** FOREIGN APPLICATIONS *****						
** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **						
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119(a-d) conditions met	Verified and Acknowledged	/ANDREW L NALVEN/ Examiner's Signature	Initials		68	16
ADDRESS						
BUCHANAN, INGERSOLL & ROONEY PC POST OFFICE BOX 1404 ALEXANDRIA, VA 22313-1404 UNITED STATES						
TITLE						
DIFFERENCE EXTRACTION BETWEEN TWO VERSIONS OF DATATABLES CONTAINING INTRA-REFERENCES						
FILING FEE RECEIVED 2520	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		


Search Notes 	Application/Control No. 90009670	Applicant(s)/Patent Under Reexamination 6546552
	Examiner	Art Unit 3992

SEARCHED			
Class	Subclass	Date	Examiner
717	170		

SEARCH NOTES		
Search Notes	Date	Examiner
Reviewed Patented File's Prosecution History	3/15/10	aln

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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Issue Classification 	Application/Control No. 90009670	Applicant(s)/Patent Under Reexamination 6546552
	Examiner <i>Nalven</i>	Art Unit 3999

ORIGINAL						INTERNATIONAL CLASSIFICATION														
CLASS			SUBCLASS			CLAIMED					NON-CLAIMED									
717			170			G	0	6	F	9/45 (2006.01.01)										
CROSS REFERENCE(S)						G	0	6	F	9/44										
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																			

Claims renumbered in the same order as presented by applicant CPA T.D. R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	17	17	33	33	49	49	65	65						
2	2	18	18	34	34	50	50	66	66						
3	3	19	19	35	35	51	51	67	67						
4	4	20	20	36	36	52	52	68	68						
5	5	21	21	37	37	53	53								
6	6	22	22	38	38	54	54								
7	7	23	23	39	39	55	55								
8	8	24	24	40	40	56	56								
9	9	25	25	41	41	57	57								
10	10	26	26	42	42	58	58								
11	11	27	27	43	43	59	59								
12	12	28	28	44	44	60	60								
13	13	29	29	45	45	61	61								
14	14	30	30	46	46	62	62								
15	15	31	31	47	47	63	63								
16	16	32	32	48	48	64	64								

(Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 68	
/ANDREW L NALVEN/ Primary Examiner. Art Unit 3992 (Primary Examiner)		09/29/2010 (Date)	O.G. Print Claim(s) 1
			O.G. Print Figure 2b

EXHIBIT 2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reexamination of)	MAIL STOP: <i>Ex Parte Reexamination</i>
)	
Sharon Peleg)	Group Art Unit: 3992
)	
Patent No.: 6,546,552)	Examiner: Andrew L. Nalven
)	
Issued: April 8, 2003)	Confirmation No.: 4316
)	
Reexamination Control No.: 90/009,670)	
)	
For: DIFFERENCE EXTRACTION)	
BETWEEN TWO VERSIONS OF DATA-)	
TABLES CONTAINING INTRA-)	
REFERENCES)	

**COMMENTS ON STATEMENT OF REASONS FOR PATENTABILITY AND/OR
CONFIRMATION**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The patent owner gratefully acknowledges the indication that all of the original claims, claims 1-68, have been confirmed by the Examiner. The patent owner wishes to note certain understandings of the Statement of Reasons for Patentability and/or Confirmation (the "Statement").

It is understood that the features identified in the claim language in quotes are to be taken in the context of claims rather than in isolation. It is also understood that the statements "Wetmore does not teach the creating of invariant references" and "Wetmore's references are symbolic and not invariant" merely identifies a set of the patent owner's arguments, and is not intended to be a complete restatement of those arguments. This is clear insofar as the section of the arguments cited by the Examiner (*i.e.* pages 10-12 of patent owner's remarks dated June 29, 2010) more specifically addresses the failure of Wetmore to disclose "references" (as claimed in the '552 patent) that are reflected as invariant. It is noted that the patent owner

previously pointed out that Wetmore has both symbolic and numeric references, although they do not meet the claim recitations for the reasons submitted on June 29, 2010. For instance, patent owner noted at page 11 of its June 29, 2010 remarks:

Wetmore describes creating numeric (as opposed to symbolic) references in the vector table object file, which is the *output of vectorization*. (Wetmore 8:21-52) (showing introduction of the entry: "jmp ([$\$0584$])" *after* vectorization took place). Accordingly, there are no "references" as claimed in the '552 Patent that are disclosed as being *input* to a vectorization process in Wetmore, because the numeric addresses that Wetmore describes are not present in the files input to Wetmore's vectorization process. Therefore, Wetmore fails to disclose that "substantially each reference in an entry in said old program . . . are reflected as invariant."

Hence, the patent owner reads the Examiner's Statement as making reference to the more detailed comments of the remarks submitted June 29, 2010 pages 10-12, for instance, and not an attempt to capture the patentable distinctions in so few words. Finally, the patent holder respectfully notes that the list of distinctions offered in the Examiner's Statement is not exhaustive but instead merely identifies exemplary reasons confirming the patentability of the claims.

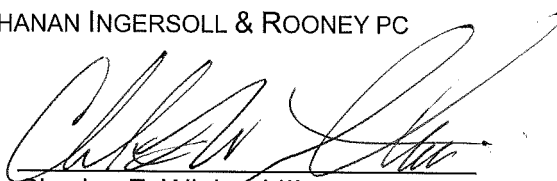
In light of the fact that the Statement is easily understood as outlined above, it is believed no remedial action is required. However, should the Examiner disagree with any of the comments herein, he is invited to contact the undersigned via the number listed bellow or in writing.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: November 2, 2010

By:



Charles F. Wieland III
Registration No. 33096

Customer No. 21839
703 836 6620

CERTIFICATE OF SERVICE

It is hereby certified by the undersigned that a true copy of the Comments on Statement of Reasons for Patentability and/or Confirmation filed on November 2, 2010 was transmitted via e-mail to:

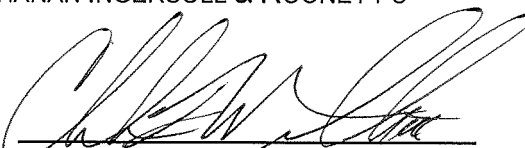
Jonathan A. David, Esq.
Lerner, David, Littenberg, Krumholz & Mentlik, LLP
600 South Avenue West
Westfield, New Jersey 07090

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: November 2, 2010

By:



Charles F. Wieland III
Registration No. 33096

Customer No. 21839
703 836 6620

EXHIBIT 3

SIXTH
INFORMATION DISCLOSURE
(use as many sheets as necessary)

In Re Reexamination Application of:	SHARON PELEG
Patent No./Issued:	6,546,552; April 8, 2003
Reexam Control No.:	90/009,670
Examiner/Group Art Unit:	Andrew L. Nalven/3992
Confirmation No.:	4316
Attorney Docket No.	0077898-000001

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
ESK	5,699,275	12-16-1997	BEASLEY et al.	
ESK	6,496,974 B1	12-17-2002	SLIGER et al.	

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Examiner Initials	Foreign Patent Document		Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	STATUS								
	Country Code ¹ , Number, Kind Code				Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPE R	Abstract	Cited In Spec. / Pg. No(s).		

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
ESK	JAMES J. HUNT et al., "Distributed Configuration Management via Java and the World Wide Web", University of Karlsruhe, Germany

Examiner Signature	<i>Andrew L. Nalven</i>	Date Considered	10/27/10
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitute for form 1449/PTO & 1449B/PTO EIGHTH INFORMATION DISCLOSURE (use as many sheets as necessary)	<i>Complete if Known</i>	
	In Re Reexamination Application of:	SHARON PELEG
	Patent No./Issued:	6,546,552; April 8, 2003
	Reexam Control No.:	90/009,670
	Examiner/Group Art Unit:	Andrew L. Nalven/3992
	Confirmation No.:	4316
Attorney Docket No.	0077898-000001	

Sheet 1 of 1

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Examiner Initials	Document Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document Country Code ¹ , Number, Kind Code	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	STATUS							Cited in Spec. / Pg. No(s).
				Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract		
	JP 404242829A	1992-08-31	FUJITSU LTD.							X	
	JP 5091550A	1993-04-09	OKI ELECTRIC IND. CO., LTD./ NIPPON KOSOKU TSHUSHIN KK							X	

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature	Date Considered	09/29/2010
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.N./


FIRST
INFORMATION DISCLOSURE
(use as many sheets as necessary)

In Re Reexamination Application of:	SHARON PELEG
Patent No./Issued:	6,546,552; April 8, 2003
Reexam Control No.:	90/009,670
Examiner/Group Art Unit:	Andrew L. Nalven/3992
Confirmation No.:	4316
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Sheet 1 of 5

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
AN	US-3,969,723	07-13-1976	KENNICOTT	
	US-4,278,837	07-14-1981	BEST	
	US-4,319,079	03-09-1982	BEST	
	US-4,464,650	08-07-1984	EASTMAN et al.	
	US-4,465,901	08-14-1984	BEST	
	US-4,542,453	09-17-1985	PATRICK et al.	
	US-4,683,549	07-28-1987	TAKAKI	
	US-4,807,182	02-21-1989	QUEEN	
	US-4,831,517	05-16-1989	CROUSE et al.	
	US-4,972,504	11-20-1990	DANIEL, Jr. et al.	
	US-4,987,550	01-22-1991	LEONARD et al.	
	US-5,146,221	09-08-1992	WHITING et al.	
	US-5,051,745	09-24-1991	KATZ	
	US-5,146,221	09-08-1992	WHITING et al.	
	US-5,155,847	10-13-1992	KIROUAC et al.	
	US-5,170,465	12-08-1992	McKEEMAN et al.	
	US-5,204,960	04-20-1993	SMITH et al.	
	US-5,210,854	05-11-1993	BEAVERTON et al.	
	US-5,260,693	11-09-1993	HORSLEY	
	US-5,307,492	04-26-1994	BENSON	
	US-5,319,645	06-07-1994	BASSI et al.	
	US-5,347,653	09-13-1994	FLYNN et al.	
	US-5,357,629	10-18-1994	DINNIS et al.	
	US-5,392,390	02-21-1995	CROZIER	
	US-5,410,703	04-25-1995	NILSSON et al.	
	US-5,450,589	09-12-1995	MAEBAYASHI et al.	
	US-5,465,258	11-07-1995	ADAMS	
	US-5,473,772	12-05-1995	HALLIWELL et al.	
	US-5,479,654	12-26-1995	SQUIBB	
	US-5,491,821	02-13-1996	KILIS	
	US-5,493,674	02-20-1996	MIZUTANI et al.	
	US-5,502,439	03-26-1996	BERLIN	
	US-5,546,586	08-13-1996	WETMORE et al.	
	US-5,574,573	11-12-1996	RAY et al.	
US-5,574,898	11-12-1996	LEBLANG et al.		
US-5,574,906	11-12-1996	MORRIS		
US-5,581,697	12-03-1996	GRAMLICH et al.		
US-5,581,768	12-03-1996	GARNEY et al.		
US-5,588,143	12-24-1996	STUPEK, Jr. et al.		
US-5,600,834	02-04-1997	HOWARD		

Examiner Signature		Date Considered	5/27/00
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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In Re Reexamination Application of:	SHARON PELEG
Patent No./Issued:	6,546,552; April 8, 2003
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Examiner/Group Art Unit:	Andrew L. Nalven/3992
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<i>Ar</i>	US-5,619,698	04-08-1997	LILLICH et al.	
	US-5,630,072	05-13-1997	DOBBINS	
	US-5,636,366	06-03-1997	ROBINSON et al.	
	US-5,659,755	08-19-1997	STROHACKER	
	US-5,675,802	10-07-1997	ALLEN et al.	
	US-5,675,803	10-07-1997	PREISLER et al.	
	US-5,694,566	12-02-1997	NAGAE	
	US-5,732,275	03-24-1998	KULLICK et al.	
	US-5,745,058	04-28-1998	AUERBACH et al.	
	US-5,745,906	04-28-1998	SQUIBB	
	US-5,752,039	05-12-1998	TANIMURA	
	US-5,757,690	05-26-1998	McMAHON	
	US-5,764,987	06-09-1998	EIDT et al.	
	US-5,764,994	06-09-1998	CRAFT	
	US-5,790,856	08-04-1998	LILLICH	
	US-5,790,860	08-04-1998	WETMORE et al.	
	US-5,794,254	08-11-1998	McCLAIN	
	US-5,799,144	08-25-1998	MIO	
	US-5,802,549	09-01-1998	GOYAL et al.	
	US-5,815,714	09-29-1998	SHRIDHAR et al.	
	US-5,829,001	10-27-1998	LI et al.	
	US-5,832,520	11-03-1998	MILLER	
	US-5,835,701	11-10-1998	HASTINGS	
	US-5,837,986	11-17-1998	BARILE et al.	
	US-5,838,264	11-17-1998	COOPER	
	US-5,844,508	12-01-1998	MURASHITA et al.	
	US-5,848,274	12-08-1998	HAMBY et al.	
	US-5,873,097	02-16-1999	HARRIS et al.	
	US-5,884,094	03-16-1999	BEGUN et al.	
	US-5,886,991	03-23-1999	GUARNERI et al.	
	US-5,889,995	03-30-1999	SEGNAN	
	US-5,893,113	04-06-1999	McGRATH et al.	
	US-5,897,633	04-27-1999	NOLAN	
	US-5,901,225	05-04-1999	IRETON et al.	
	US-5,938,766	08-17-1999	ANDERSON et al.	
	US-5,953,534	09-14-1999	ROMER et al.	
	US-5,956,479	09-21-1999	McINERNEY et al.	
	US-5,958,048	09-28-1999	BABAIAN et al.	
	US-5,960,189	09-28-1999	STUPEK, Jr. et al.	
	US-5,964,873	10-12-1999	CHOI	
	US-5,966,541	10-12-1999	AGARWAL	
	US-5,974,254	10-26-1999	HSU	
	US-5,978,791	11-02-1999	FARBER et al.	
	US-5,982,937	11-09-1999	ACCAD	
	US-5,983,000	11-09-1999	PERRON	
	US-5,990,810	11-23-1999	WILLIAMS	

Examiner
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FIRST
INFORMATION DISCLOSURE

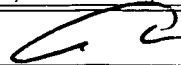
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In Re Reexamination Application of:	SHARON PELEG
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AN	US-5,995,754	11-30-1999	HOLZLE et al.	
	US-6,006,328	12-21-1999	DRAKE	
	US-6,009,261	12-28-1999	SCALZI et al.	
	US-6,018,349	01-25-2000	SZELISKI et al.	
	US-6,018,747	01-25-2000	BURNS et al.	
	US-6,026,235	02-15-2000	SHAUGHNESSY	
	US-6,052,531	04-18-2000	WALDIN, Jr. et al.	
	US-6,071,004	06-06-2000	Le GALL et al.	
	US-6,071,317	06-06-2000	NAGEL	
	US-6,076,134	06-13-2000	NAGAE	
	US-6,077,311	06-20-2000	LICHTENSTEIN et al.	
	US-6,078,931	06-20-2000	MOTOYAMA	
	US-6,112,025	08-29-2000	MULCHANDANI et al.	
	US-6,115,550	09-05-2000	HUNTER et al.	
	US-6,122,731	09-19-2000	SON	
	US-6,141,698	10-31-2000	KRISHNAN et al.	
	US-6,163,780	12-19-2000	ROSS	
	US-6,163,811	12-19-2000	PORTER	
	US-6,167,407	12-26-2000	NACHENBERG et al.	
	US-6,175,663	01-16-2001	HUANG	
	US-6,189,145	02-13-2001	BELLIN, Jr. et al.	
	US-6,192,157	02-20-2001	PREBBLE	
	US-6,192,475	02-20-2001	WALLACE	
	US-6,202,208	03-13-2001	HOLIDAY, JR.	
	US-6,216,175	04-10-2001	SLIGER et al.	
	US-6,216,213	04-10-2001	BRETERNITZ, JR. et al.	
	US-6,202,208	03-13-2001	HOLIDAY, JR.	
	US-6,230,316	05-08-2001	NACHENBERG	
	US-6,240,550	05-29-2001	NATHAN et al.	
	US-6,243,766	06-05-2001	SLIGER et al.	
	US-6,253,317	06-26-2001	KNAPP, III et al.	
	US-6,260,157	07-10-2001	SCHURECHT et al.	
	US-6,263,497	07-17-2001	MAEDA et al.	
	US-6,282,698	08-28-2001	BAKER et al.	
	US-6,282,709	08-28-2001	REHA et al.	
	US-6,289,358	09-11-2001	MATTIS et al.	
	US-6,289,509	09-11-2001	KRYLOFF	
	US-6,292,880	09-18-2001	MATTIS et al.	
	US-6,295,644	09-25-2001	HSU et al.	
	US-6,298,481	10-02-2001	KOSAKA et al.	
	US-6,305,010	10-16-2001	AGARWAL	
	US-6,330,574	12-11-2001	MURASHITA	
	US-6,330,712	12-11-2001	IWAYA	
	US-6,334,213	12-25-2001	LI	
	US-6,349,407	02-19-2002	TOWFIQ	
	US-6,360,363	03-19-2002	MOSER et al.	

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AP	US-6,374,250	04-16-2002	AJTAI et al.	
	US-6,389,592	05-14-2002	AYRES et al.	
	US-6,397,385	05-28-2002	KRAVITZ	
	US-6,404,923	06-11-2002	CHADDHA	
	US-6,421,679	07-16-2002	CHANG et al.	
	US-6,425,125	07-23-2002	FRIES et al.	
	US-6,430,685	08-06-2002	YU et al.	
	US-6,434,695	08-13-2002	ESFAHANI et al.	
	US-6,438,621	08-20-2002	KANAMORI et al.	
	US-6,438,748	08-20-2002	GARD et al.	
	US-6,463,582	10-08-2002	LETHIN et al.	
	US-6,466,999	10-15-2002	SLIGER et al.	
	US-6,526,574	02-25-2003	JONES	
	US-6,532,588	03-11-2003	PORTER	
	US-6,594,822	07-15-2003	SCHWEITZ et al.	
	US-6,610,103	08-26-2003	EHRMAN et al.	
	US-6,618,747	09-09-2003	FLYNN et al.	
	US-6,629,123	09-30-2003	HUNT	
	US-6,643,506	11-04-2003	CRISS et al.	
	US-6,643,775	11-04-2003	GRANGER et al.	
	US-6,651,249	11-18-2003	WALDIN et al.	
	US-6,691,305	02-10-2004	HENKEL et al.	
	US-6,738,799	05-18-2004	DICKENSON	
	US-6,757,893	06-29-2004	HAIKIN	
	US-6,760,907	07-06-2004	SHAYLOR	
US-6,804,663	10-12-2004	DELO		
US-6,952,823	10-04-2005	KRYLOFF et al.		
US-7,203,708	04-10-2007	LIU et al.		
US-7,542,758	06-02-2009	RAJARAM et al.		
US-7,587,433	09-08-2009	PELEG et al.		

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	STATUS						
	Country Code ¹ , Number, Kind Code	Publication Date (MM-DD-YYYY)		Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec. / Pg. No(s).
AP	JP 59-201150	11-14-1984	OMRON TATEISI ELECTRONICS CO.						X	
	JP 63-208941	08-30-1988	FUJITSU LTD.						X	
	EP 0 411 232	02-06-1991	INTERNATIONAL BUSINESS MACHINES CORPORATION							
	JP 05-120067	05-18-1993	NEC SOFTWARE LTD.						X	

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FOREIGN PATENT DOCUMENTS

Office	Patent No.	Date	Company	1	2	3	4	5	6	7	8	9	10	11	12
AN	EP 0 546 684	06-16-1993	INTERNATIONAL BUSINESS MACHINES CORPORATION												
	JP 06-314194	11-08-1994	NEC CORP.										X		
	EP 0 665 496	08-02-1995	SUN MICROSYSTEMS, INC.												
	EP 0 695 040	01-31-1996	FUJITSU LIMITED												
	EP 0 702 299	03-20-1995	AT&T CORP.												
	WO 96/32679	10-17-1996	HIGHWAYMASTER COMMUNICATIONS, INC.												
	JP 09-069042	03-11-1997	HITACHI LTD.											X	
	WO 97/43711	11-20-1997	ASYMETRIX CORPORATION												
	JP 10-003383	01-06-1998	NEC CORP.											X	
	GB 2 330 428	04-21-1999	WINBOND ELECTRONICS CORPORATION												
	JP 11-126161	05-11-1999	HITACHI LTD.											X	
	WO 99/54816	10-28-1999	SYMANTEC CORPORATION												
	WO 00/34861	06-15-2000	INCERT SOFTWARE CORPORATION												
	EP 1 014 263	06-28-2000	APPLIED MICROSYSTEMS CORPORATION												
	EP 1 087 533	03-28-2001	TADAHIRO OHMI												
EP 0 813 167	10-01-2003	AGFA MONOTYPE CORPORATION													

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THIRD
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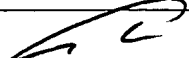
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AN	AJILA, Samuel, "Software Maintenance: An Approach to Impact Analysis of Objects Change", Software - Practice and Experience, October 1995, Vol. 25, pp. 1155-1181, John Wiley & Sons, Ltd., United Kingdom
	AJMANI, Sameer, "A Review of Software Upgrade Techniques for Distributed Systems", MIT Computer Science and Artificial Intelligence Laboratory, August 7, 2002, pp. 1-19, Cambridge, MA
	BAKER, Brenda, "A Program for Identifying Duplicated Code", Computing Science and Statistics, 24th Symposium, March 18-21, 1992, Vol. 24, 9 pages, College Station, TX
	BAKER et al., "Compressing Differences of Executable Code", ACM SIGPLAN Workshop on Compiler Support for System Software (WCSS), April 22, 1999, pp. 1-10, Atlanta, GA
	BARTOLETTI et al., "Secure Software Distribution System", Proceedings of the 20th National Information Systems Security Conference, June 18, 1997, 11 pages, Baltimore, MD
	BASHAR et al., "Low-Threat Security Patches and Tools", Proceedings of the International Conference on Software Maintenance, November 30, 1996, 23 pages, IEEE Computer Society, Washington, DC
	BURNS, Randal C., "Differential Compression: A Generalized Solution for Binary Files", December 1996, pp. 1-69, University of California, Santa Cruz, CA
	BURNS et al., "In-Place Reconstruction of Delta Compressed Files", Proceedings of the Seventeenth Annual Symposium on Principles of Distributed Computing, 1998, pp. 267-275, Puerto Vallarta, Mexico
	CHAMBERS et al., "A User Designed Software System for Electron Microprobes - Basic Premises and the Control Program", Journal de Physique, February, 1984, pp. 223-226, Vol. 45, No. 2, Les Editions de Physique, Les Ulis, France
	CHEUNG et al., "Optimal Routing Table Design for IP Address Lookups Under Memory Constraints", IEEE Proceedings of INFOCOM, March, 1999, 8 pages, New York, NY
	CHURCH et al., "Dotplot: a Program for Exploring Self-Similarity in Millions of Lines of Text and Code", June, 1993), Journal of Computational and Graphical Statistics, Vol. 2, No. 2, 12 pages, American Statistical Association, Alexandria, VA
	CIFUENTES et al., "Decompilation of Binary Programs", Software - Practice and Experience, July, 1995, Vol. 25 (7), pp. 811-829, John Wiley & Sons, Ltd., United Kingdom
	CIFUENTES, Cristina, "Reverse Compilation Techniques", Queensland University of Technology, July 1994, pp. 1-342
	CLODFELTER et al., "Technological Profile of Shopping Centers: Present and Future Use", Journal of Shopping Center Research, Spring/Summer 1996, pp. 59-93, International Council of Shopping Centers Educational Foundation, New York, NY
	COOK et al., "A Methodology for Cost-Effective Analysis of In-Place Software Processes", IEEE Transaction on Software Engineering, January 1997, pp. 1-25
	COPPIETERS, Kris, "A Cross-Platform Binary Diff", Dr. Dobb's Journal, May 1, 1995, 5 pages, Miller Freeman, Inc., San Mateo, CA
	DUNTEMANN, Jeff, "Assembly Language: Step-by-Step, pp. 1-469, 1992, John Wiley & Sons, Inc., New York, NY
	EASTWOOD, David B., "Information Technology and Fresh Produce: A Case Study Using Store Level Scan Data to Analyze Sales", July 1997, 20 pages, University of Minnesota, St. Paul, MN
	ENGLER, Dawson R., "VCODE: A Retargetable, Extensible, Very Fast Dynamic Code Generation System", May, 1996, SIGLAM Conference on Programming Language Design and Implementation, 11 pages, ACM Press, Philadelphia, PA
	FLAKE, Halvar, "Structural Comparison of Executable Objects", Proceedings of the IEEE Conference on Detection of Intrusions and Malware & Vulnerability Assessment, 2004, pp. 161-173, Dartmund, Germany
	FRASER et al., "A Machine-Independent Linker", Software - Practice and Experience, Department of Computer Science, The University of Arizona, 1982, vol. 12, pp. 351-366, United Kingdom

Examiner Signature		Date Considered	5/27/10
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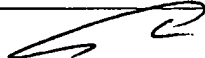
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In Re Reexamination Application of:	SHARON PELEG
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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AN	GOSLING et al., "The Java Language Environment", May 1996, pp. 1-98, Sun Microsystems, Mountain View, CA
AN	GRAY, Robert M., "Fundamentals of Data Compression", IEEE Proceedings of International Conference on Information, Communications, and Signal Processing, September 9, 1997, pp. 1-186, Singapore

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U.S. PATENT DOCUMENTS

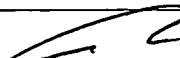
Examiner Initials	Document Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
AN	6,754,848 B1	06-22-2004	FROEHLICH et al.	
	6,510,552 B1	01-21-2003	BENAYOUN et al.	
	4,425,618	01-10-1984	BISHOP et al.	
	2007/0255764 A1	11-01-2007	SONNIER et al.	
	2006/0004756 A1	01-05-2006	PELEG et al.	
	2005/0132359 A1	06-16-2005	MCGUIRE et al.	
	2005/0257206 A1	11-17-2005	SEMERDZHIEV	
	2004/0078793 A1	04-22-2004	BRAGULLA et al.	
	2004/0063899 A	07-29-2004	GUSTAFSON et al.	
	2003/0217257 A1	11-20-2003	EBSEN et al.	
	2003/0163805 A1	08-28-2003	HATA et al.	
	2003/0163508 A1	08-28-2003	GOODMAN	
	2002/0100036 A1	07-25-2002	MOSHIR et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document Country Code ¹ , Number, Kind Code	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	STATUS						
				Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec. / Pg. No(s).
AN	WO 2005/024628 A2	03-17-2005	BITFONE CORP.				X			
	WO 2005/024628 A3	03-17-2005	BITFONE CORP.				X			
	WO 2004/063899 A2	07-29-2004	BITFONE CORP.				X			
	WO 2004/063899 A3	07-29-2004	BITFONE CORP.				X			

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AN	Copy of International Search Report mailed March 25, 2010, International Application No. PCT/IL2009/000762
	Copy of International Search Report mailed February 15, 2010, International Application No. PCT/IL2009/000754
	Copy of International Search Report mailed February 15, 2010, International Application No. PCT/IL2009/000755
	INTERNATIONAL BUSINESS MACHINES CORPORATION, "Method for permitting several versions of a module to coexist within a virtual machine", March 1, 2001, 8 pages, Vol. 443, No. 177, Mason Publications, Hampshire, Great Britain

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FIFTH
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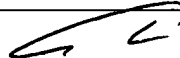
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AN	MOGUL et al., "Potential benefit of delta encoding and data compression for HTTP", Proceedings of SIGCOMM '97, September, 1997, pp. 14 pages, ACM, New York, NY
	MUNCH, Bjorn, "Versioning in a Software Engineering Database - the Change Oriented Way", Division of Computer Systems and Telematics, The Norwegian Institute of Technology, September 17, 1993, pp. 1-284, Germany
	MYCROFT et al., "Optimising compilation, Part I: classical imperative languages", Proceedings of SOFSEM, 1992, pp. 1-17, Czechoslovakia
	NILSEN, Kelvin, "Issues in the Design and Implementation of Real-Time Java", July 19, 1996, pp. 1-28, SYSCON Media, Montvale, NJ
	OPLINGER et al., "Software and Hardware for Exploiting Speculative Parallelism with a Multiprocessor", Stanford University Computer Systems Laboratory, February, 1997, pp. 1-23, Stanford, CA
	OREIZY, Peyman, "Decentralized Software Evolution", Proceedings of the International Conference on the Principles of Software Evolution, April 20-21, 1998, pp. 1-5, ACM, New York, NY
	"PKZIP 6.0 for Windows Getting Started Manual", Copyright 2002 PKWARE, Inc., 13 pages, Milwaukee, WI
	PANDEY et al., "Providing Fine-Grained Access Control for Mobile Programs Through Binary Editing", pp. 1-22, Technical Report TR98-08, 1998, University of California, Davis, CA
	PELLEGRINI et al., "Efficient IP Table Lookup via Adaptive Stratified Trees with Selective Reconstruction", Lecture Notes in Computer Science, September, 2004, pp. 1-26, Springer Berlin, Germany
	ROTH et al., "Database Compression", Sigmod Record, September 1993, Vol. 22, No. 3, pp. 31-39, ACM, New York, NY
	SAHA et al., "Symbolic Support Graph: A Space Efficient Data Structure for Incremental Tabled Evaluation", Department of Computer Science, Lectures Notes in Computer Science, October 10, 2005, Vol. 3668, pp. 1-15, Springer, Germany
	STEVENS, Curt, "Knowledge-Based Assistant for Accessing Large, Poorly Structured Information Spaces", Thesis Submitted to the Faculty of the Graduate School of the University of Colorado, 1993, 125 pages, Boulder, CO
	TICHY, Walter F., "RCS - A System for Version Control", Department of Computer Sciences, Purdue University, 1985, Vol. 15, pp. 1-19, Wiley, United Kingdom
	TICHY, Walter F., "The String-to-String Correction Problem with Block Moves", Purdue University, October 26, 1983, 16 pages, ACM, New York, NY
	TSOU et al., "Client-Server Components and Metadata Objects for Distributed Geographic Information Services", Proceedings of the GIS/LIS, 1998, pp. 590-599, Association of American Geography, Washington, DC
	WANG et al., "BMAT -- A Binary Matching Tool, Microsoft Research Technical Report, November 15, 1999, pp. 1-11, Microsoft Corporation, Redmond, WA
	WOLFE et al., "Executing Compressed Programs on an Embedded RISC Architecture", 1992, pp. 81-91, IEEE, Computer Society Press, Los Alamitos, CA
↓	ZELLER, Andreas, "Configuration Management with Version Sets", A Unified Software Versioning Model and its Applications, April 1, 1997, pp. 1-320, Technische Universitat Braunschweig, Germany

Examiner Signature		Date Considered	5/27/10
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**FOURTH
INFORMATION DISCLOSURE**

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Sheet 1 of 2


In Re Reexamination Application of:	SHARON PELEG
Patent No./Issued:	6,546,552; April 8, 2003
Reexam Control No.:	90/009,670
Examiner/Group Art Unit:	Andrew L. Nalven/3992
Confirmation No.:	4316
Attorney Docket No.	0077898-000001

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document Country Code ¹ , Number, Kind Code	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	STATUS							
				Translation	Partial Translation	Eng. Lang. Summary	Search Report	PER	Abstract	Cited in Spec. / Pg. No(s).	
AN	WO 98/54639	12-03-1981	CIRRUS LOGIC, INC.								

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AN	GRYDER et al., "Survey of Data Compression Techniques", Martin Marietta Energy Systems, Inc. for the United States of Energy, September 1991, 45 pages, Oak Ridge, TN
	HARDY et al., "Essence: A Resource Discovery System Based on Semantic File Indexing", Proceedings of the USENIX Winter Conference, January 25-29, 1993, pp. 361-374
	HIRSCHBERG, Daniel S., "Algorithms for the Longest Common Subsequence Problem", Journal of the ACM, October, 1977, Vol. 24, No. 4, pp. 664-675, ACM, New York, NY
	HORWITZ, Susan, "Identifying the Semantic and Textual Differences Between Two Versions of a Program", Proceedings of the ACM SIGPLAN 1990 Conference on Programming Language Design and Implementation, 1990, pp. 234-246, ACM, New York, NY
	HOSHI et al., "Software Updated System Using Wireless Communication", NTT DoCoMo Technical Journal, 2004, Vol. 5, No. 4, pp. 36-43, Japan
	HUNG et al., "UNIX Code Management and Distribution", September 1992, pp. 1-4, Stanford Linear Accelerator Center, Stanford, CA
	HUNT et al., "Delta Algorithms: An Empirical Analysis", ACM Transactions on Software Engineering and Methodology, April, 1998, Vol. 7, No. 2, pp. 192-214, ACM, New York, NY, ACM, New York, NY
	HUNT et al., "An Algorithm for Differential File Comparison", Department of Electrical Engineering, Stanford University, Computing Sciences Technology Report No. 41, June, 1976, pp. 1-9, Bell Laboratories, Murray Hill, NJ
	KELLER et al., "Binary Component Adaptation", Computing Sciences Technology Report No. ECOOP '98 Proceedings, Lecture Notes on Computer Science, Proceedings of the 12th European Conference on Object-Oriented Programming, 1998, Vol. 1445, pp. 1-17
	KIFER, Michael, "Ediff User's Manual", Version 2.70, March 1998, pp. 1-44
	KISHAN et al., "Dynamic Kernel Modification and Extensibility", Technical Report of the SUIF Group, Department of Computer Science, 2002, 26 pages; Stanford University, Stanford, CA
	LARUS et al., "Rewriting Executable Files to Measure Program Behavior", Software, University of Wisconsin - Madison, March 25, 1992, Vol. 24, pp. 1-17, Wiley Interscience, United Kingdom
	LARUS et al., "Rewriting Executable Files to Measure Program Behavior", University of Wisconsin - Madison, October 24, 1994, pp. 1-23
	LEFURGY, Charles Robert, "Efficient Execution of Compressed Programs", Dissertation, 2000, pp. 1-212, University of Michigan, Ann Arbor, MI
	LEFURGY et al., "Improving Code Density Using Compression Techniques", Proceedings of the 30th Annual International Symposium on Microarchitecture, Micro-30, December 1-3, 1997, pp. 10 pages, ACM, New York, NY
	LEFURGY, Charles Robert, "Space-efficient Executable Program Representations for Embedded Microprocessors", Thesis, 1998, pp. 1-48, Ann Arbor, MI

Examiner Signature		Date Considered	5/27/10
--------------------	---	-----------------	---------

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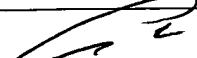
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Sheet 2 of 2

In Re Reexamination Application of:	SHARON PELEG
Patent No./Issued:	6,546,552; April 8, 2003
Reexam Control No.:	90/009,670
Examiner/Group Art Unit:	Andrew L. Nalven/3992
Confirmation No.:	4316
Attorney Docket No.	0077898-000001

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AN	LEKATSAS et al., "Code Compression for Embedded Systems", Proceedings for the 35th Design Automation Conference, 1998, June 1998, 6 pages, San Francisco, CA
	LYNCH et al., "PATCH Graphs: an Efficient Data Structure for Completion of Finitely Presented Groups", Proceedings of the 3rd International AISMC Conference, Lecture Notes in Computer Science, 1996, vol. 1138, 15 pages, Springer Verlag, United Kingdom
	MacDONALD et al., "PRCS: The Project Revision Control System", Lecture Notes in Computer Science, 1998, Vol. 1439, 14 pages, University of California at Berkeley, National Energy Research Scientific Computing Center, Springer Verlag, United Kingdom
	MacKENZIE et al., "Comparing and Merging Files", diff, diff3, sdiff, cmp, and patch, Edition 2.8, for diffutils 2.8 and patch 2.5.4, March 23, 2002, pp. 1-100, Free Software foundation Ltd., Boston, MA
	MICROSOFT PressPass, News Press Release, May 14, 1997, 2 pages, Microsoft Corp., Redmond, WA 2 pages
↓	MILLER et al., "A File Comparison Program", Software - Practice and Experience, November 1985, Vol. 15 (11), pp. 1025-1040, Wiley Interscience, United Kingdom

Examiner Signature		Date Considered	5/27/10
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In Re Reexamination Application of:	SHARON PELEG
Patent No./Issued:	6,546,552; April 8, 2003
Reexam Control No.:	90/009,670
Examiner/Group Art Unit:	Andrew L. Nalven/3992
Confirmation No.:	4316
Attorney Docket No.	0077898-000001

Sheet 1 of 1

U.S. PATENT DOCUMENTS

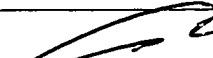
Examiner Initials	Document Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
AN ↓	US-5,043,871	08-27-1991	NISHIGAKI et al.	
	US-5,247,660	09-21-1993	ASHCRAFT et al.	
	US-5,634,052	05-27-1997	MORRIS	
	US-5,805,899	09-08-1998	EVANS et al.	
	US-5,813,017	09-22-1998	MORRIS	
	US-6,018,747	01-25-2000	BURNS et al.	
	US-6,317,754	11-13-2001	PENG	
	US-6,374,250	04-16-2000	AJTAL et al.	
	US-2002/0087500	07-04-2002	BERKOWITZ et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	STATUS							
	Country Code ¹ , Number, Kind Code				Translation	Partial Translation	Eng. Lang. Summary	Office Action	IPER	Abstract	Cited in Spec. / Pg. No(s).	
AN ↓	JP 63-208941 A		08-30-1988	FUJITSU LTD.				X				
	EP 0 752 794 A3		12-29-1999	FUJITSU LIMITED				X				
	EP 0 723 226 B1		05-30-2001	HEWLETT-PACKARD COMPANY				X				

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AN ↓	Copy of Japanese Office Action dated November 28, 2006, with translation
	HOULDER et al., "XOR Commands on SCSI Disk Drives", Seagate Technology, pp. 1-30
	HUNT et al., "An Empirical Study of Delta Algorithms", University of Karlsruhe and AT&T Research, pp. 49-65
	IBM Corp., "Logging Status Information While Installing New Software", June 1991, Vol. 34, No. 1, one page

Examiner Signature		Date Considered	5/27/10
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37 CFR 1.501 INFORMATION DISCLOSURE CITATION IN A PATENT (Sheet 1 of 1)	Docket Number (Optional) GOOGLE 3.6-141	Patent Number 6,546,552
	Applicant Sharon Peleg	
	Issue Date April 8, 2003	Art Unit N/A

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>AW</i>	4,115,853	09-19-1978	Dummermuth			12-21-1976
	5,481,713	01-02-1996	Wetmore et al.			05-06-1993
	5,790,796	08-04-1998	Sadowsky			06-14-1996

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
<i>AW</i>	Batalden et al., IBM Technical Disclosure Bulletin, "Maintainable ROS Code Through The Combination of ROM and EEPROM," 32(9A); 273-276, (1990).
<i>AW</i>	Coppieters, "A Cross-Platform Binary Diff", Dr. Dobb's Journal, 34-36, May 1995.

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 3/15/10
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