| 1505|| HOLL SEET AMERIKAN | LOUIS CHIEF HARE HAT HE 1507 | 1506|| Tour Chief Hare Hare Chief C Substitute Form PTO-1595 Attorney Docket No.: 10454-004001

SHEET

MRD 2.1.00 1012866 Assistant Commissioner for Patents: Please record the attached orig	
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Douglas E. Appelt, James Frederick Arnold, John S. Bear, Jerry Roberts Hobbs, David J. Israel, Megumi Kameyama (Deceased), David L.	SRI International 333 Ravenswood Avenue
Martin, Karen Louise Myers, Gopalan Ravichandran, Mark Edward Stickel, William Mabry Tyson	Menlo Park, California 94025
Additional name(s) attached? ☐ Yes 図 No	
3. Nature of conveyance:	
☑ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:	
Execution Date: 11/29/99, 12/10/99, 11/30/99, 12/15/99, 12/2/99	Additional names/addresses attached? ☐ Yes ☑ No
4. Application number(s) or patent number(s):	
If this document is being filed with a new application, the execution	on date of the application is:
A. Patent Application No(s).:	B: Patent No(s).:
09/398,233	
Additional numbers	attached? ☐ Yes ☒ No
 Name/address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications/patents involved: 1
Hans R. Troesch	7. Total fee (37 CFR §3.41): \$40 E
Fish & Richardson P.C. 2200 Sand Hill Road, Suite 100	☑ Enclosed ☐ Authorized to charge Deposit Account.
Menlo Park, CA 94025	8. Deposit Account No.: 06-1050
	Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT US	SE THIS SPACE
9. Statement and Signature: To the best of my knowledge and any attached copy is a true copy of the original docume	nd belief, the foregoing information is true and correct annut.
Bao Q. Tran	72 1/7.70h
Reg. No. 37,955 Name of Person Signing Signature	Date

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Assistant Commissioner for Patents Washington D.C. 20231

Total number of pages including coversheet, attachments and document: 11

Patents, Washington, D.C. 20231.

January 25, 2000

Cheryl Powers

PATENT : 010597 EDAME:

REEL: 010587 FRAME: 0879

ASSIGNMENT

For valuable consideration, we, <u>Douglas E. Appelt</u>, of <u>Palo Alto, California</u>; <u>James Frederick Arnold</u>, of Helena, Montana; John S. Bear, of Half Moon Bay, California; Jerry Roberts Hobbs, of Los Altos, California; David J. Israel, of Palo Alto, California; Megumi Kameyama (Deceased), of Cupertino, California; David L. Martin of Santa Clara, California; Karen Louise Myers of Palo Alto, California; Gopalan Ravichandran of Mountain View, California; Mark Edward Stickel of Mountain View, California; and William Mabry Tyson of Los Altos, California hereby assign to SRI International, a California corporation having a place of business at 333 Ravenswood Avenue, Menlo Park, California 94025, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled <u>INFORMATION RETRIEVAL BY NATURAL LANGUAGE</u> OUERYING, filed September 17, 1999, and assigned Serial No. 09/398,233, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

	IEREOF, I hereto set my hand and			
this <u>29th</u> day	of <u>November</u> , 19 <u>99</u> Douglas E. Appelt	uglas i	E appelt.	_ L.S

STATE OF California

SS.

COUNTY OF San Mateo

Before me this 29th day of November, 1999, personally appeared Douglas E. Appelt known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Mary For Joyne

My Commission Expires: November 27, 2002

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Helena, Mantana	,
this 10 day of December 1999 James Frederick Arnold	L.S.
STATE OF Montana : ss. County Of Lewis Clark	
Before me this 10th day of Outsides, 1997, personally appeared James Frederick Arnold known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.	
Notary Public My Commission Expires: "/10/03	
[Notary's Seal Here]	
In Witness Whereof, I hereto set my hand and seal at Menlo Park, California	>
John S. Bear State of California:	L.S.
COUNTY OF San Mateo:	
Before me this <u>29th</u> day of <u>November</u> , 1999, personally appeared <u>John S. Bear</u> known to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the san as his free act and deed for the purposes therein contained.	ne ne

[Notary's Seal Here]

In With	vess Whereof, I l	nereto set my hand and seal at	
this	day of	, 19	
			L.S.
	Jai	mes Frederick Arnold	
STATE (OF	:	
COUNTY	/ OF	SS .	
COUNT		·	
	o me to be the per	this day of, 19, personally a son whose name is subscribed to the foregoing Assignment and deed for the purposes therein contained.	
		Notary Public	
		My Commission Expires:	
[Notary	s Seal Here]	,	
In Witn	iess Whereof, I l	nereto set my hand and seal at <u>Menlo Park</u> , Califo	ornia ,
this <u>29</u>	th day of <u>Novem</u>	per, 1999	L.S.
State 0	Jol of <u>California</u>	nn S. Bear	L.3.
County	OF <u>San Mateo</u>		
	person whose nar	this <u>29th</u> day of <u>November</u> , 19 <u>99</u> , personally ane is subscribed to the foregoing Assignment and acknowled the purposes therein contained.	
		Mary For Joyner Notary Public	MARY LOU JOYNER COMM. # 1203261

[Notary's Seal Here]



IN WITNESS WHEREOF, I hereto set my hand and seal at Menlo Park, California,
this 30th day of November, 1999 L.S. Jerry Robert Hobbs
Jerry Robert Hobbs
STATE OF <u>California</u> : :ss.
COUNTY OF San Mateo:
Before me this <u>30th</u> day of <u>November</u> , 19 <u>99</u> , personally appeared <u>Jerry Robert Hobbs</u> known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.
Mary Lou Joyner Notary Public My Commission Expires: November 27, 2002 MARY LOU JOYNER COMM. # 1203261 NOTARY PUBLIC CALIFORNIA SAN MATEO COUNTY EXPIRES NOV. 27, 2002
iviy Commission Expires. November 27, 2002
[Notary's Seal Here]
In Witness Whereof, I hereto set my hand and seal at Menlo Park , California, this 29th day of November , 1999 L.S. David J. Israel
STATE OF <u>California</u> : SS. COUNTY OF <u>San Mateo</u> :
Before me this <u>29th</u> day of <u>November</u> , 19 <u>99</u> personally appeared <u>David J. Israel</u> known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.
Mary Lou Joyner Comm. # 1203261 Notary Public My Commission Expires: November 27 2002 MARY LOU JOYNER COMM. # 1203261 NOTARY PUBLIC CALIFORNIA SAN MATEO COUNTY EXPIRES NOV. 27, 200
My Commission Expires: November 27, 2002 EXPIRES NOV. 27, 200

[Notary's Seal Here]

1

IN WITNESS WHEREOF, Thereto set my hand and seal at (4 peuting (4 lifurnia),
this 15 day of December 1999 Lift 111. L.S.
Megumi Kameyama (Deceased) by Helge Szerwinski, Executor of Estate
STATE OF:
COUNTY OF:
Before me this 15 H day of December 19 19, personally appeared Helye Szwalnski known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.
Witnesses: Film Years
Notary Public MINA YEATS
Notary Public Notary Public My Commission Expires: [Notary's Seal Here] Witnesses: Fine Years Austin Years
IN WITNESS WHEREOF, I hereto set my hand and seal at Menlo Park, California,
David L. Martin L.S.
STATE OF <u>California</u> : ss.
County of <u>San Mateo</u> :
Before me this <u>29th</u> day of <u>November</u> , 1999, personally appeared <u>David L. Martin</u> known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.
MARY LOU JOYNER COMM. # 1203261

[Notary's Seal Here]

MARY LOU JOYNER COMM. # 1203261 NOTARY PUBLIC CALIFORNIA SAN MATEO COUNTY EXPIRES NOV. 27, 2002



Last Will and Testament

MEGUMI KAMEYAMA

MEGUMI KAMEYA	MA , a resident of
SANTA CLARA	County, State of CALIFORNIA
declare this to be my LAST WILL AND TESTA	AMENT:
FIRST: I hereby revoke all prior wills or c SECOND: I appoint my husband, H	·
water and the second se	bond. If for any reason
HELGE SZWERINSKI	unable to serve or shall fail to qualify or
cease to act as my executor, lappoint	phen Shenkerand
Rebecca Passonneau	as alternate executor sof my estate to serve without bond.
whose name and address is as folio Nina Kameyama Szwerinski, 849 St	tendhal Lane, Cupertino, Ca. 95014.
Nina Kameyama Szwerinski, 849 St All references in this Will to my child	
grandchildren of a predeceased child	đ.
FOURTH: I leave my entire estate to my hus If he does not survive me, I leave m with the following conditions:	
If she is under the age of 18 at my d	leath her appointed legal
guardians are to put two thirds of the	
remaining after paying taxes, fees, fi custodian account that goes into my	uneral costs etc. into a relation description description de description de la control on her twentyfifth birtday.
The legal guardians will control the re	.
the proceeds of the life insurance to	cover my daughter's living

WOLCOTTS FORM 1663 - Rev. 4-94a (price class 2A) LAST WILL AND TESTAMENT \$1994 WOLCOTTS FORMS, INC.

Before you use this form, fill in all blanks, and make whatever changes are appropriate and necessary to your particular transaction. Consult a lawyer if you doubt the form's fitness for your purpose and use. Wolcotts makes no representation or warranty, express or implied, with respect to the merchantability or fitness of this form for an intended use or purpose.

Page 1 of ____

expenses and college tuition. As they see fit, they may give her control over these assets on her eighteenth or twentyfirst birthday.

If neither my husband, nor my daughter survives me, I leave my entire estate to the American Red Cross except for my household furniture and other tangible property of a personal nature which should be divided among my relatives as they see fit; and if they cannot agree upon the division of these items, my Executor or Executors shall divide these items, and his or their division shall be conclusive.

FIFTH: If at my death my daughter is under the age of 18, I nominate Rebecca Passonneau and Stephen Shenker to be guardiens of her and her estate.

SIXTH: I direct my Executor to pay all funeral expenses, administration expenses of my estate, all inheritance and succession taxes, state and federal, and all just debts, excepting the mortgage payments secured by mortgage upon real estate.

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IN WITNESS WHEREOF I sign my name to this Wi	MARK SEMENTED MOST
IN WITNESS WHEREOF I sign my name to this W	ILL this day of
at Cupertino, California	The state of the s
SI anharman management and a second a second and a second a second and	· · · · · · · · · · · · · · · · · · ·
M/	
4//2003	
Many mai Many mark	
Megumi Kameyama	
	on the above date signed, published and
declared the above and foregoing instrument, consisti	ing of (2) pages, this one included, as
and for his/her Last Will and Testament in the present	ce of us, and being personally present, requested, and
we have in the presence of each other because out	aux hands as attacting with same. Mr. acreify that at
we have, in the presence of each other hereunto set	our hands as attesting witnesses. We certify that at sound and disposing mind and memory. Each witness
declares to be of legal age and not a beneficiary of this	is will.
,	
We declare under penalty of perjury under the laws	s of the State of California that the foregoing is true
	s of the state of that the folegoing is true
and correct.	
~ 11	Comprise California
Executed this Thay of January	1996 at Cupertino, California
Executed into	
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	SIGNATORE OF WINKESS
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residing at 373 Mackengie Dr.	Santa Clara, CA 95051
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4	SIGNATURE OF WITNESS
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residing at 377 77120100	Vertical Control of the Control of t
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	Lamen Bulawala Years SIGNATURE OF WITNESS
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residing at 84/ Stindhal Lane	MUPPIUM I (W. JOUIT
The stands of th	Cupertino, Ca. 950/4
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rage	_ UI

PATENT

REEL: 010587 FRAME: 0886

his day of	, I hereto set my hand and seal at, 19	L.S.
	Megumi Kameyama (Deceased) by Helge Szerwinski, Executor of Estate	
STATE OF	:	
County of	`\$S. :	
known to me to be the	me this day of, 19, personally appeared e person whose name is subscribed to the foregoing Assignment and acknowledged that his free act and deed for the purposes therein contained.	he
	Notary Public	
Notary's Seal Here]	My Commission Expires:	
n Witness Whereon his <u>29th</u> day of <u>N</u>	E, I hereto set my hand and seal at Menlo Park, California ovember, 1999 David L. Martin	, L.S.
State Of <u>Californ</u> County Of <u>San Ma</u>	ia: :ss.	
me to be the person w	me this <u>29th</u> day of <u>November</u> , 19 <u>99</u> , personally appeared <u>David L. Martin</u> known has ename is subscribed to the foregoing Assignment and acknowledged that he executed deed for the purposes therein contained.	own to
	Notary Public MARY LOU COMM. # 1 NOTARY F CALIFOR	203261 PUBLIC
	My Commission Expires: November 27, 2002 SAN MATEO EXPIRES NOV.	COUNTY 27, 2002

[Notary's Seal Here]

N WITNESS WHEREOF, I hereto set my hand and seal at <u>Menlo Park, California</u> ,
his 10th day of December, 1999 Karen Louise Myers L.S.
Karen Louise Myers
STATE OF <u>California</u> :
COUNTY OF <u>San Mateo</u> :
Before me this <u>10th</u> day of <u>December</u> , 19 99 personally appeared <u>Karen Louise Myers</u> known o me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.
MARY LOU JOYNER COMM. # 1203261 NOTARY PUBLIC CALIFORNIA SAN MATEO COUNTY EXPIRES NOV. 27, 2002
My Commission Expires: November 27, 2002 Notary's Seal Here]
IN WITNESS WHEREOF, I hereto set my hand and seal at Menlo Park, California, his <u>29th</u> day of November, 1999 L.S.
Gopalan Ravichandran
STATE OF <u>California</u> : SS. COUNTY OF <u>San Mateo</u> :
Before me this <u>29th</u> day of <u>November</u> , 1999, personally appeared <u>Gopalan Ravichandran</u> known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.
Mary Lou Joyner Notary Public MARY LOU JOYNER COMM. # 1203261 NOTARY PUBLIC CALIFORNIA

[Notary's Seal Here]

·	me z ==	L.S
Mark	Edward Stickel	
TATE OF <u>California</u>	:	
	SS.	
OUNTY OF <u>San Mateo</u>	:	
Before me th	is 2nd day of <u>December</u> , 19 <u>99</u> , personally appear	ed Mark Edward Stickel
	whose name is subscribed to the foregoing Assignment ar	
_	e act and deed for the purposes therein contained.	
	y. + 0-	MARY LOU JOYNER COMM. # 1203261
	Many Jon Joyna &	NOTARY PUBLIC
	Notary Public (1)	SAN MATEO COUNTY EXPIRES NOV. 27, 200
	My Commission Expires: November 27, 2002	
Notary's Seal Here]		
· ·	eto set my hand and seal at Menlo Park, California	
is 29th day of November	er, 1999 Mahusting	L.S
Willi	am Mabry Tyson	D,
** 113	an interior 1,000	
TATE OF California	.	
TATE OF <u>California</u>	: :ss.	
TATE OF <u>California</u>		
COUNTY OF <u>San Mateo</u>	:	red William Mahry Tyson
OUNTY OF <u>San Mateo</u> Before me th	is <u>29th</u> day of <u>November</u> , 19 <u>99</u> , personally appear	
COUNTY OF <u>San Mateo</u> Before me the nown to me to be the perso	is <u>29th</u> day of <u>November</u> , 19 <u>99,</u> personally appear n whose name is subscribed to the foregoing Assignment a	
OUNTY OF <u>San Mateo</u> Before me the nown to me to be the perso	is <u>29th</u> day of <u>November</u> , 19 <u>99</u> , personally appear in whose name is subscribed to the foregoing Assignment are act and deed for the purposes therein contained.	
OUNTY OF <u>San Mateo</u> Before me the person of the person o	is <u>29th</u> day of <u>November</u> , 19 <u>99</u> , personally appear in whose name is subscribed to the foregoing Assignment are act and deed for the purposes therein contained.	nd acknowledged that he
OUNTY OF <u>San Mateo</u> Before me the person of the person o	is <u>29th</u> day of <u>November</u> , 19 <u>99,</u> personally appear n whose name is subscribed to the foregoing Assignment a	MARY LOU JOYN COMM, # 120326 NOTARY PUBLIC
OUNTY OF <u>San Mateo</u> Before me the nown to me to be the perso	is29th day of November, 1999, personally appear in whose name is subscribed to the foregoing Assignment are act and deed for the purposes therein contained. Many Jon Joynn Notary Public	MARY LOU JOYN COMM. # 120326 NOTARY PUBLIC CALIFORNIA SAN MATEO COUNT
OUNTY OF <u>San Mateo</u> Before me the nown to me to be the perso	is <u>29th</u> day of <u>November</u> , 19 <u>99</u> , personally appear in whose name is subscribed to the foregoing Assignment are act and deed for the purposes therein contained.	MARY LOU JOYN COMM, # 120326 NOTARY PUBLIC

RECORDED: 02/01/2000