Attorney Do	cket: 020431.043	38			00 07 4000	
FORM PTO-1595					08-27-1999	COMMERCE
1-31-92			RECORDATION I	FORM COV		demark Office
To th	ie Honorable Cor	mmissioner of	Patents and Trademarks	s. Please re	101129525	y thereof.
1. Name a	and Address of C	Conveying Party	y(ies):	2. Name and	d Address of receiving Party	(ies):
l Io	ames M. Crawfor	rd Ir	V C/13/99	Name: i2 T	echnologies, Inc.	
í	924 Hugo Court	iu, Ji.	8/001	Internal Add	ress:	
F	lower Mound, D	enton County,	Texas 75028	(]	/ 0	(3)
☐ Individ	ual/Citizenship:	United	States of America		AUG 23	1999
Additional name(s) of conveying party(ies) attached? X Yes No						
3. Nature	of conveyance:			Street Address:		
X	Assignment		Merger	909	E. Las Colinas Blvd., 16th I	Floor
	Security Agreer	ment	Change of Name	City: Irvi	ng State: Texas Zip:	75039
	Other			State of Inco	rporation: Delaware	
Execution Date: July 12, 1999, July 13, 1999, July 15, 1999, July 27, 1999, August 1, 1999			Additional natached?	ame(s) & address(es)	Yes X No	
4. Applica	ation number(s)	or patent numb	er(s):			
If this d	locument is being	g filed together	with a new application	, the execution	date of the application is:	
L	Application No.		May 19 1000	B. Patent N	o.(s)	
Applicati 	on Serial No. 09	7322,430, Illeu	Additional Numbers:	l attached?	Г	Yes X No
5 Name a	and address of pa	erty to whom co			nber of applications and pate	
	g document shoul	•	orrespondence	o. Total har	noci of applications and pate.	nts mvorved.
Name:	A	Ann C. Livings	ton	7. Total Fee (37 CFR 3.41): \$ 40.00		
Internal A	ddress: E	BAKER & BOTTS, L.L.P.		X	Enclosed	
Street Add		300 Trammell (2001 Ross Aver	_		Authorized to be charged	to deposit account
City:	Ι	Dallas		8. Deposit a	account number:	
State:	Γ	Texas	Zip: 75201-2980			
				(Attach Duplicate Copy of this page if paying by deposit account)		
O Statemen	ant and simptim		DO NOT US	SE THIS SPAC	JE	
	nent and signature best of my knowl		f, the for egoing informa	ition is true an	d correct and any attached co	ony is a true copy of the
original da		3		(<u>-a</u>		.p, ic a nac cop, cj and
Ann C. Li			lun	11)		August 17, 1999
Name of P	Person Signing		Signature			Date
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reviewing the sam	ple cover sheet. Send come Budget, Paperwork Reduction	ments regarding this bure	len estimate to the U.S. Patent and Tra	demark Office, Office of	f Information Systems, PK2-1000C, Washington	, D.C. 20231, and to the Office of

AUS01:167732.1 020431.0478

U.S. Patent and Trademark Office

Recordation Form Cover Sheet $\,$ - Form PTO-1595 (01/31/92) Patents Only Page 2

Attorney's Docket: 020431.0438

Section 1 -Name of Conveying Parties

Additional Name (Individual)

Brian M. Kennedy 136 Rustic Meadow Way Coppell, Dallas County, Texas 75019 Citizenship: USA

Tiaohua (nmi) Lin 2708 Lake Breeze Lane Flower Mound, Denton, Texas 75028 Citizenship: Taiway

Narayan (nmi) Venkatasubramanyan 1321 Coral Drive Coppell, Dallas County, Texas 75019 Citizenship: India

Arun (nmi) Kunchithapatham 4279 N. O'Conner Boulevard Irving, Dallas County, Texas 75062 Citizenship: India

Karl (nmi) Zeithammer Vinkenlaan 20 B3080 Tervuren Belgium Citizenship: Czech Republic

AUS01:167732.1 020431.0478

> PATENT REEL: 010191 FRAME: 0181

ASSIGNMENT

WHEREAS, we, the undersigned inventors of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, i2 Technologies, Inc. (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of 909 E. Las Colinas Boulevard, Irving, Texas 75039, desires to acquire our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR HIGH LEVEL CONTROLLED SEARCHING THROUGH A PROBLEM SPACE

Signature of First Inventor:	422
Inventor's Name:	Tames M. Crawford, Jr.
Residence (City, County, State)	Flower Mound, Denton County, Texas
Date of Signature:	July 12, 1999
Date Application Executed:	July 12, 1999
	R. M.
Signature of Second Inventor: Inventor's Name:	Brian M. Kennedy
Residence (City, County, State)	Coppell, Dallas County, Texas
Date of Signature:	7-27-1999
Date Application Executed:	July 27, 1999

Signature of Third Inventor: Inventor's Name:	Tiaohua (nmi) Lin
Residence (City, County, State)	Flower Mound, Denton County, Texas
Date of Signature:	8/1/99
Date Application Executed:	August 1, 1999
Signature of Fourth Inventor: Inventor's Name:	Narayan Venkatasubramanyan
Residence (City, County, State)	Coppell, Dallas County, Texas
Date of Signature:	7/13/99
Date Application Executed:	July 13, 1999
Signature of Fifth Inventor: Inventor's Name:	Arun Kunchithapatham
Residence (City, County, State)	Irving, Dallas County, Texas
Date of Signature:	
Date Application Executed:	

Signature of Third Inventor: Inventor's Name:	Tiaohua	Lin
Residence (City, County, State)	Flower Mound, County, Texas	Denton
Date of Signature:		
Date Application Executed:		
	AUG	23 1999
Signature of Fourth Inventor: Inventor's Name:	Narayan Venkat	asubramanyan
Residence (City, County, State)	Coppell, Dalla Texas	as County,
Date of Signature:		
Date Application Executed:		
Signature of Fifth Inventor: Inventor's Name:	Arun (nmi) Kund	Zhi thanatham
Residence (City, County, State)	Irving, Dallas	
Date of Signature:	07/15/9	9
Date Application Executed:	July 15, 1999	

4

Signature	of	Sixth	Inventor:
Inventor's	s Na	ame:	

Residence (City, County, State)

Date of Signature:

Date Application Executed:

Karel (nmi) Zeithammer

Tervuren, BELGIUM

7/13/99

July 13, 1999