Attorney Docket: 0204	31.0471	09 -	27-1999	) .			
FORM PTO-1595 1-31-92		U.S. DEPARTMENT OF COMME Patent and Trademark (					
To the Honorab	le Commissioner of	Patents and 11 and 10	<u> </u>	d	l original docu	ments or copy the	hereof.
1. Name and Address	2. Name and Address of receiving Party(ies):						
Kevin A. Cl	Name: i2 Technologies, Inc.						
5665 Arapal	Internal Address:						
Dallas, Dall				0	, E = 6		
☐ Individual/Citizer				78 ::	9/397		
Additional name(s) o				<b>9</b>			
3. Nature of convey	Street Address:						
X Assignme	X Assignment Merg		909 E. Las Colinas Blvd., 16th Flo			Floor	
Security A	Agreement	Change of Name	City: Irvin	ng State:	Texas Zip:	75039	
Other	State of Incor	rporation: De	laware				
Execution Date: Sep	Additional na attached?	-		Yes	X No		
4. Application numb	per(s) or patent num	ber(s):				· · · · · · · · · · · · · · · · · · ·	
If this document is	s being filed togethe	er with a new application	, the execution	date of the ap	oplication is: S	September 2, 199	)9
A. Patent Application	B. Patent No.(s)						
09/3978	18	Additional Numbers	attached?			Yes	X No
5. Name and addres concerning document	6. Total number of applications and patents involved: 1						
Name: Ann C. Livingston			7. Total Fee (37 CFR 3.41): \$40.00				
Internal Address: BAKER & BOTTS		OTTS, L.L.P.	X	Enclosed			
Street Address: 800 Tramm 2001 Ross		Crow Building enue	Authorized to be o		d to be charge	d to deposit acco	ount
City: State:	Dallas Texas			ccount number	:r:		
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original document.	~	ief, the foregoing inform	ation is true and	d correct and	any attached		
Ann C. Livingston Name of Person Signing Signature			$ \nu$ $\setminus$			September 17	, 1999
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Management and Budget. Paperwo		urden estimate to the U.S. Patent and Tr	audmark Office, Office of	mrormation Systems,	rk2-1000C, Washingt	ion, D.C. 20231, and to the	Office of

AUS01:180937.1

PATENT REEL: 010258 FRAME: 0585

## 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 my 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, I 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 provisionals, divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I 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 I 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.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all provisional, 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.

AUS01:179085.1

PATENT REEL: 010258 FRAME: 0586 This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: BINARY TREES FOR DETECTING INVENTORY PROBLEMS IN AN ENTERPRISE MODEL

Signature of Sole Inventor:

Inventor's Name:

Residence (City, County, State)

Date of Signature:

Date Application Executed:

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Kevin \_ Cline

Dallas, Dallas County, Texas

September 2, 1999

PATENT REEL: 010258 FRAME: 0587