06-05-2002

DEPARTMENT OF COMMERCE

(Hev. 3/01) OMD NO. 0651-0011 exp. 5/31/2002)	102112379 Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.	
Name of conveying party(ies):	2. Name and address of receiving party(ies):
John Josef Hench, Thorkell Gudmundsson,	Name: Voyan Technology
Ioannis Kanellakopoulos, Sunil C. Shah,	
Gurcan Aral and Yaolong Tan 5 11.02	
Additional name(s) of conveying party(ies) attached?	Internal Address:
■ No □Yes	
3. Nature of Conveyance	Street Address: 3255-7 Scott Boulevard
Assignment Merger	
☐ Security Agreement ☐ Change of Name ☐ Other:	City: Santa Clara State/Province: CA Zip: 95054
Otner: Execution Date(s):April 30, 2001; April 30,2001;	Country: U.S.A. Additional name(s) & address(es) attached? Yes No
May 4, 2001; May 1, 2001; May 1, 2001; May 1, 2001.	
Application Number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(<u>s</u>) 09/710,487	B. Patent No.(s)
	_
Additional numbers attached?	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Archana B. Vittal, Esq.	
Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$40.00
Internal Address: 12400 Wilshire Boulevard, 7 th Floor	Authorized to be charged to deposit account if previously
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Archana B. Vittal, Reg. No. 45,182 Name of Person Signing Signing	$\frac{1}{2} \frac{1}{2} \frac{1}$
Total number of pages including cover sh	neet, attachments, and document: 4
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Atty Docket No. 1340P082

09710487 00000086 022666 06/04/2002 DBYRNE

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> **PATENT REEL: 012952 FRAME: 0370**

Attorney's Docket

ASSIGNMENT

PATENT

No.: 1340P082

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby	
acknowledged, we	
the undersigned,John Josef Hench, Thorkell Gudmundsson, loannis Kanellakopoulos,	
Sunil C. Shah, Gurcan Aral and Yaolong Tan	
hereby sell, assign, and transfer to Voyan Technology, a corporation of California, having	
a principal place of business at 3255-7 Scott Boulevard, Santa Clara, California 95054	
("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and	
interest for the United States and all foreign countries, in and to any and all improvements that	
are disclosed in the application for the United States patent that was filed November 10, 2000	
and assigned Application No. <u>09/710,487</u> and is entitled <u>METHOD AND APPARATUS FOR THE PREDICTION AND OPTIMIZATION IN IMPAIRED COMMUNICATION SYSTEMS</u> , and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications,	
renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;	

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Rev. 2.0 Voyan Technology 1340P082 11/9/2000 (A2)

Date Name: John Josef Hench
Date Name: Thorkell Gudmundsson
5/4 , 2001 Name: Ioannis Karrellakopoulos
Date Name: Sunil C. Shah
Date Name: Guroan Ara
May 1 , 20 01 Hawky fan. Date Name: Yaolong Tan
State of: Assignment Document Return Address:
SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP County of: 12400 Wilshire Blvd., Seventh Floor
Los Angeles, California 90025-1026 (408) 720-8598
On this day of 20, before me,, he undersigned Notary Public, personally appeared
] personally known to me [] proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)_subscribed to the within instrument, and acknowledged that _executed it. VITNESS my hand and official seal.
Notary's Signature

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RECORDED: 05/31/2002

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11/9/2000 (A2)

PATENT