12-10-2001

Attorney Docket No. VIXS.0100140

)VER SHEET

U.S. Department of Commerce

	101910584	NLY	Patent and Trade	mark Office	
To the	Commissioner of Patents and Trademarks:	Please record the attached origina	al document(s) or copy(ies).		
1. Name of conveying party(ies):		2. Name and address of	2. Name and address of receiving party(ies):		
(a) Michael R. Mays (c)	(b) Michael D. Cave (d)	10-31-0	1	s. PT	
Additional name(s) of conveying party(ies) attached? Yes No			TEMS INC. ard Avenue East	94,69999	
3. Nature of conveyance Assignment	Merger	Suite 1705 Toronto, On		jc9	
Security Agreement Other Execution Date:	Change of Name	CANADA N			
(a) 10-29-01	(b) 10-29-01	Additional name(s) &	address(es) attached? Yes	s No	
(c)	(d)	\sim	999/593		
If this document is being filed together with a new application, the execution di A. Patent Application No.(s):		B. Patent No.(s):	B. Patent No.(s):		
		s attached?YesNo			
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of ap	6. Total number of applications and patents involved:		
Name: J. Gustav Larson			7. Total fee (37 C.F.R. 3.41)		
Simon, Galasso, & Frantz, PLC P.O. Box 26503		Enclosed Authorized to	Authorized to be charged to deposit account		
City: Austin State: TX Zip: 78755-0503		if check insufficient or	if check insufficient or inadvertently omitted		
		Deposit account nu (Attach duplicate c	imber: $\underline{501835}$ opy of this page if paying by d	eposit account)	
	DO NOT USE	THIS SPACE			
9. Statement and signature.					
To the best of my knowledge and b	elief, the foregoing information is true an	d correct and any attached cop	y is a true copy of the original	document.	
J. Gustav Larson, 1	Reg. No. 39,263	Jester 3		10-3101	
Name of Person Si	gning, Reg. No.	Signat		Date	
		Total number of pages incl	uding cover sheet, attachments a	and documents: 4	

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Office of Public Records,

Crystal Gateway 4, Room 335, Washington, D.C. 20231

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(Rev. 6-99)

PATENT

REEL: 012342 FRAME: 0411

PATENT APPLICATION

ASSIGNMENT OF U.S. PATENT APPLICATION

This is an assignment of patent rights between the inventor(s)

Michael R. May

Michael D. Cave

(herein after referred to as the Inventor) and **ViXS SYSTEMS INC.** having a place of business at 2235 Sheppard Avenue East, Suite 1705, Toronto, Ontario Canada M2J 5B5 (herein after referred to as the Assignee).

WHEREAS, Inventor has caused to be prepared a United States Patent Application in the Inventor's name entitled

SYSTEM FOR ALLOCATING DATA IN A COMMUNICATIONS SYSTEM AND METHOD THEREOF

having a docket number of VIXS.0100140 (herein after referred to as the Patented Invention); and

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the Patented Invention.

NOW, THEREFORE, the parties agree as follows:

- 1. The Inventor hereby sells, assigns, and transfers its entire rights, title, and interest in the Patented Invention and all patents that may be granted therefrom due to divisions, reissue, substitutions, extensions, continuations, and continuations-in-part to the Assignee.
- 2. The Inventor hereby sells, assigns, and transfers its entire rights, title, and interest in any foreign (non U.S.) national patent application, invention registration, or equivalent (Foreign Applications), claiming approximately the same subject matter of the Patented Invention to the Assignee.
- 3. The transfer set forth in Paragraph (2.) is in consideration for the sum of one dollar (\$1) U.S. (or its equivalent) and/or other consideration for which both parties acknowledge to be valuable, having been conveyed to the Inventor by the Assignee. Consideration may include at least one of: employment, an independent contractor agreement, monetary payment, or other benefit hereby acknowledged as received.

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- 4. Inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the patent for the Patented Invention, and all resulting patents therefrom, insofar as Inventor's interest is concerned, to the Assignee.
- 5. The Inventor further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in the Assignee.
- 6. The Inventor hereby further agrees to communicate with the Assignee any facts it knows regarding any improvements of the Patented Invention while employed by Assignee and for one year thereafter.
- 7. The Inventor hereby yet further agrees to, with respect to the referenced patent application, at the expense of the Assignee:
 - testify in any legal proceedings, i)
 - sign all lawful papers, ii)
 - execute all divisional, continuation, continuation-in-part, reissue and iii) substitute applications,
 - make all lawful oaths, and assist in vesting title in the Assignee and to aid iv) the Assignee to obtain and enforce proper protection for the subject matter of the Patented Invention in all countries, and
 - iii) notify Assignee promptly (by facsimile or first class mail) of any subpoena or contact by any person other than Assignee or its agents regarding the Application or resultant patent(s) issuing therefrom, and in any event at least one week prior to any deposition, legal inquiry or legal proceeding relating to the above identified invention.

This assignment is executed on the date(s) of which the Inventor has signed.

Texas Travis Co. Province of Regional Municipality of Before me personally appeared said inventor and acknowledge the foregoing instrument to act and deed this ______ day of _____ day of ______ 20_/ martha Roclin

Seal

Inventor:

PATENT REEL: 012342 FRAME: 0413

Muliul Dand Ce	10/29/2001
Michael D. Cave Date:	
Province of Regional Municipality of Texas (Draw's Cv')	SS:
Before me personally appeared said inventor and acknowledge act and deed this day of day of,	the foregoing instrument to be his/her free 20_0/
Seal KIA ATHA ROCK	Martha Rocha (Notary)
SE STATE OF THE ST	(Notary)

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RECORDED: 10/31/2001

PATENT REEL: 012342 FRAME: 0414