



11-08-2001

Substitute Form PTO-1594

D/S

REI



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101894671

Commissioner of Trademarks Please record the attached copies of an original document.

1. Name of conveying party(ies):
 ViXS Systems Inc.
 Individual(s)
 Association
 General Partnership
 Limited Partnership
 Corporation—State
 Other _____

11-5-01

Additional name(s) attached? Yes No

2. Name and address of receiving party(ies):
 GATX/MM Venture Finance Partnership
 150 King Street West
 Suite 2411
 Box 94
 Toronto, Ontario, M5H 1J9
 Canada

Individual(s) Citizenship _____
 Association _____
 General Partnership _____
 Limited Partnership _____
 Corporation—State _____
 Other _____

If the assignee is not domiciled in the United States, a domestic representative designation is attached. Yes No

Additional names/addresses attached? Yes No

3. Nature of conveyance:
 Assignment
 Merger
 Security Agreement
 Change of Name
 Other:
 Execution Date: October 16, 2001

4. Application number(s) or trademark number(s):
 A. Trademark Application No(s):
1106022; 1106023; 78/050039; 78/050053
 Additional numbers attached? Yes No

B. Trademark No(s):

5. Name/address of party to whom correspondence concerning document should be mailed:
 RUFFIN B. CORDELL
 Fish & Richardson P.C.
 601 Thirteenth Street, NW
 Washington, DC 20005

6. Total number of applications and registrations involved: 1
 7. Total fee (37 CFR §3.41): \$160
 Enclosed
 Authorized to charge Deposit Account.
 8. Deposit Account No.: 06-1050
 Please apply any additionally charges, or any credits, to our Deposit Account No. 06-1050.

DO NOT USE THIS SPACE

9. Statement and Signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is a true copy of the original document.*

Ruffin B. Cordell
 Reg. No. 33,487
 Name of Person Signing



Signature

Nov. 5, 2001
 Date

Total number of pages including cover sheet, attachments, and document: 4

40073835.doc

11/07/2001 TDIAZ1 00000035 1106022

01 FC:481
02 FC:482

40.00 DP
75.00 DP

Ref: 11/07/2001 TDIAZ1
 Appl. No.: 1050
 Name/Number: 1106022
 Fee: \$160.00 CR
 Div: 704

TRADEMARK

REEL: 002394 FRAME: 0769



CONFIRMATION OF GRANT OF SECURITY INTEREST

This will confirm that, pursuant to a General Security Agreement (hereinafter referred to as the "Agreement") dated October 16th, 2001 between ViXS Systems Inc., a corporation incorporated under the laws of the Province of Ontario (hereinafter referred to as "ViXS"), whose full post office address is 2235 Sheppard Avenue East, Toronto M2J 5B5 and GATX/MM Venture Finance Partnership (hereinafter referred to as "GATX/MM"), whose full post office address is 150 King Street West, Suite 2411, Box 94, Toronto, Ontario, M5H 1J9, for good and valuable consideration, the receipt and sufficiency of which is hereby confirmed and acknowledged, ViXS confirms that it has granted to GATX/MM a security interest, lien and charge in all of ViXS= right, title and interest in and to the intellectual property listed on the Schedule attached hereto, including, without limitation, the patents, trademarks, patent and trademark applications listed therein, and in and to any and all continuations, continuations-in-part, updates, developments, divisions, reissues and reexaminations which issue therefrom, the same to be held and enjoyed by GATX/MM, strictly subject to the terms of the Agreement.

EXECUTED at Toronto, Ontario, this 16th day of October, 2001.

ViXS SYSTEMS INC.

Witness: *[Signature]*

Per: *[Signature]* c/s
Name: *Sally Dault*
Title: *CEO*

BL\834685_1

SCHEDULE "I"**INTELLECTUAL PROPERTY****Trademark List**

Trademark	Jurisdiction	Serial No.	Filing Date
ViXS	Canada	1106022	June 12, 2001
ViXS Logo & Design	Canada	1106023	June 12, 2001
ViXS	United States	78/050039	February 23, 2001
ViXS Logo & Design	United States	78/050053	February 23, 2001

PATENT LIST

File No.	Title	Inventor(s)	Status
VIXS001	Device and Method for Compression of a Video Stream	Indra Laksono	Filed: 03/27/01 US Application No. 09/819,147
VIXS002	Adaptive Bandwidth Footprint Matching for Multiple Compressed Video Streams in a Fixed Bandwidth Network	Indra Laksono	Filed: 03/30/00 US Application No. 09/823,646
VIXS003	Method and Apparatus for a Multimedia System	Indra Laksono	Filed: 05/22/01 US Application No. 09/864,524
VIXS004	Method and Apparatus of Multiplexing a Plurality of Channels in a Multimedia System	Indra Laksono	Filed: 05/24/01 US Application No. 09/864,602
VIXS005	Method and Apparatus for Channel Mixing in a Multimedia System	Indra Laksono	Filed: 05/24/01 US Application No. 09/865,136
VIXS006	Method and Apparatus for Isolating a Channel of Interest from a Set of Channels in a Multimedia System	Indra Laksono	Filed: 05/24/01 US Application No. 09/864,783

File No.	Title	Inventor(s)	Status
VIXS007	Method and Apparatus for Hub-Based Network Access via a Multimedia System	Indra Laksono	Filed: 05/24/01 US Application No. 09/864,115
VIXS008	Method and Apparatus for Managing Resources in a Multimedia System	Indra Laksono	Filed: 05/24/01 US Application No. 09/864,476
VIXS009	System and Method for Multiple Channel Video Transcoding	Indra Laksono Hugh Chow	Filed: 07/30/01 US Application No. 09/918,380

VIXS010	Method and Device for Video Processing	Indra Laksono Jason Chan	Filed: 07/30/01 US Application No. 09/917,967
VIXS011	Method and Device for Accessing Data	Indra Laksono Jason Chan	Filed: 07/30/01 US Application No. 09/918,384
VIXS015	Method and Apparatus for Distributed Load Multiplexing of Multiple Encoded Signals Over a Shared Communication Path	Indra Laksono Paul Ducharme	Filed: 07/17/01 US Application No. 09/907,053
VIXS016	Method and Apparatus for Selectible Quantization in an Encoder	Indra Laksono Jason Chan	Filed: 07/17/01 US Application No. 09/906,908
VIXS017	Method and Apparatus for controlling Amount of Quantization Processing in an Encoder	Indra Laksono Jason Chan	Filed: 07/17/01 US Application No. 09/907,033
VIXS018	Video on Demand System Having Improved Data Throughput	Paul Ducharme	Filed: 07/17/01 US Application No. 09/907,116
VIXS019	Method and Apparatus for Distributing Video on Demand Loading	Paul Ducharme	Filed: 07/17/01 US Application No. 9/907,114
VIXS020	Method and Apparatus For Centralizing Application Access Within A Multimedia System	Indra Laksono Shahid Saleem	Filed: 09/04/01 US Application No.
VIXS021	Method and Apparatus For Customizing Messaging Within A Cable System	Indra Laksono Paul	Filed: 09/04/01 US Application No.

		Ducharme	
VIXS022	Method and Apparatus For Pay-Per-Quality of Service For Bandwidth Consumption In A Video System	Indra Laksono Paul Ducharme	Filed: 09/04/01 US Application No.
VIXS023	Method and Apparatus For Remote Control and Monitoring of A Multimedia System	Indra Laksono	Filed: 09/04/01 US Application No.
VIXS024	Method and Apparatus For Providing Graphical Overlays In A Multimedia System	Paul Ducharme	Filed: 09/04/01 US Application No.
VIXS025	Raster Image Transformation Circuit Using Micro-Code and Method	Jason Chan Tom Longo	Filed: 09/17/01 US Application No.