# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Tarun Setya	04/02/2009
Cristian Samoila	04/02/2009
Poupak Khodabandeh	06/24/2009

## **RECEIVING PARTY DATA**

Name:	Gennum Corporation	
Street Address:	4281 Harvester Road	
City:	Burlington, Ontario	
State/Country:	CANADA	
Postal Code:	L7L 5M4	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12417311

## **CORRESPONDENCE DATA**

Fax Number: (216)579-0212

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 216/586-7506

Email: skoston@jonesday.com

Correspondent Name: Joseph M. Sauer, Esq./Jones Day Address Line 1: North Point, 901 Lakeside Avenue

Address Line 4: Cleveland, OHIO 44114

ATTORNEY DOCKET NUMBER: 764164-605293

NAME OF SUBMITTER: Joseph M. Sauer

Total Attachments: 4 source=DOC144#page1.tif source=DOC144#page2.tif

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> PATENT REEL: 022932 FRAME: 0005

### **ASSIGNMENT**

WHEREAS, one or more inventions have been made by the undersigned in

VIDEO SERIALIZER AND DESERIALIZER WITH MAPPING CONVERSION

and is the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the date indicated below in the appropriate space to the left of the signature of the undersigned, which application is further identified as Jones Day Docket No. 764164605293.

WHEREAS, GENNUM CORPORATION hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest in said inventions and patent rights therefor throughout the world.

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, THE UNDERSIGNED HEREBY SELLS, ASSIGNS, TRANSFERS, AND DELIVERS TO ASSIGNEE all right, title, and interest, in the United States and throughout the world, in said inventions and all patents, patent rights, patent applications, and inventor's certificates for said inventions, including without limitation said application for patent in the United States and all provisionals, divisions, continuations, continuations-in-part, and resulting patents, all right to sue for infringement or past infringement, and all patents and patent rights that may be granted for said inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary or desirable to secure for or vest in assignee, its successors or assigns, any invention right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Patent and Trademark Office is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in the patents, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in the patents.

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PATENT

REEL: 022932 FRAME: 0006

The undersigned hereby grants the firm of Jones Day the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

First Inventor:			
Date: April 2/05 Residing and Having a Post Office Address at:	Tarun Setya  251 Birch Cre Pleasanton CA		
I, MA. CHRISTINA (Name of ) 2484 UE BAIN DO	STATEMENT I  YANEZA  Witness)	1	6.11 D. v. O.C 11
2984 DE BAIN DI	' SAN SOJE (Address of '	Witness)	30
hereby declare that I was personally person named in the assignment, do	y present and did se	ee Tarun Sei	tya, personally known to me to be the
Date: 4/2/11	(Sign	fundature of W	itness

Second Inventor:	
Date: Apr 2, 2009  Residing and Having a  Post Office Address at:	Cristian Samoila  178 Insmill Crescent Kanata, Ontario K2T 1G3 CANADA
	STATEMENT BY WITNESS
hereby declare that I was persor	, whose full Post Office address is of Witness)  (Address of Witness)
Date: April 2, 2009	(Signature of Witness)
Third Inventor:	
Date:	Poupak Khodabandeh
Residing and Having a Post Office Address at:	#108 – 11 Soho Street Toronto, Ontario M5T 3L7 CANADA
	STATEMENT BY WITNESS
I,(Name	of Witness), whose full Post Office address is
	(Address of Witness) nally present and did see Poupak Khodabandeh, personally known to me to gnment, duly sign and execute the same.
Date:	(Signature of Witness)

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Second Inventor:
Date:  Cristian Samoila  Residing and Having a  Post Office Address at:  178 Insmill Crescent Kanata, Ontario K2T 1G3 CANADA
STATEMENT BY WITNESS
I,, whose full Post Office address is (Name of Witness)
(Address of Witness) hereby declare that I was personally present and did see Cristian Samoila, personally known to me to be the person named in the assignment, duly sign and execute the same.
Date: (Signature of Witness)
Third Inventor:
Date: June 24, 2009  Residing and Having a Post Office Address at:  Plant Scho Street  Toronto, Ontario MST 3L7  CANADA  CANAD
21 A LEMENT BY WILNESS
I, JIN CHOI , whose full Post Office address is  (Name of Witness)  70 Vin McCa #FOT IVME LA 92612  (Address of Witness)
hereby declare that I was personally present and did see Poupak Khodabandeh, personally known to me to be the person named in the assignment, duly sign and execute the same.
Date: b 24 39 (Signature of Witness)

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RECORDED: 07/09/2009