FORM PTO-1619A OMB 0651-0027		0-14-1999			S. Department of Commerce atent and Trademark Office
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	ner of Patents and Tra	demarks : Please re	cord the attach	ed original do	cument(s) or copy(ies).
Submission Type		Conveyar			
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Attorney Docket No:			Departi	mental File	Secret File
Conveying Party (ie	es)	Mark if additi	onal names of conve	ying parties attach	ed Excecution Date
Name (1st party) Serge	v I. Kovalev				Month Day Year 05/20/97
Name (2nd party)					03/20/97
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Name (3rd party)	······			·····	·····
Name (4th party)					
Receiving Party		Mark if addition	onal names of receiv	ing parties attache	d
Name (line 1) JOIN	T VENTURE				If document to be recorded is an assignment and the
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Address (line 1) 47338	B Fremont Blvd.		<u></u>		States, an appointment of a
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the document and gathering Information Officer, Washin (0651-0027), Washington, D	the data needed to complete the C	Cover Sheet. Send comments is re of Informaton and Regulato n Collection Budget Package (FO THIS ADDRESS.	regarding this burden e ry Affairs, Office of M 0651-0027, Patent and	stimate to the U.S.Pa anagement and Budg Trademark Assignm	ded, including time for reviewing ttent and Trademark Office, Chief get, Paperwork Reduction Project ent Practice. DO NOT SEND
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FORM PTO-1619B OMB 6651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Num	ber (408) 720-8598
Name BLAKELY SOKOLOFF T	AYLOR & ZAFMAN)
Address (line 1) Daniel M. De Vos		
Address (line 2) 12400 Wilshire Blvd.		
Address (line 3) Seventh Floor		
Address (line 4) Los Angeles, California 90	025	· · · · · · · · · · · · · · · · · · ·
Pages Enter the total number of	pages of the attached conveyance document.	# 2
Application Number (s) or Patent N	umber (s)	Mark if additional numbers attached
Enter either the Patent Application Ni Patent Application Number (s)	umber or the Patent Number (DO NOT ENTER BO P:	TH numbers for the same property). atent Number (s)
If this document is being filed together with a patent application was signed by the first nan		Month Day Year
Patent Cooperation Treaty (PCT)		
Enter PCT application number <u>only</u> U.S. Application Number has not be assigned.		PCT PCT
Number of Properties	Enter the total number of properties involved	d. # <u>1</u>
Fee Amount	Fee Amount for Properties Listed (37 CFR 3.4	1): \$ <u>40.00</u>
Method of Payment: Deposit Account (Enter for payment by depo	Enclosed Deposit Account	
	Authorization to charge additional fe	es: Yes 🔀 No 🗌
attached copy is a true copy of a indicated herein.	ad belief, the foregoing information is true the original document. Charges to deposi	
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REEL: 010298 FRAME: 0771

Attorney's DocketASSIGNMENTPATENo.:76580.P007(For Execution After Filing Patent Application)PATE	<u>ENT</u>
In consideration of good and valuable consideration, the receipt of which is	;
hereby acknowledged, _I	
the undersigned, Sergey I. Kovalev,	
hereby sell, assign, and transfer to a JOINT VENTURE ("Assignee"), 50% owned b	∋у
Alaris Incorporated, having a principal place of business at 47338 Fremont Blvd.,	
Fremont, California 94538, and 50% owned by GT Technology, Inc., having a	
principal place of business at 12306 Brookglen Drive, Saratoga, California 95070	<u>, the</u>
JOINT VENTURE, having a principal place of busine	ss at
<u>47338 Fremont Blvd., Fremont, California 94538</u> , 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 th was filed,19and assigned Application Noa is entitled	at and
Method and Apparatus for Compression and Decompression of Still and Motion	n
Video Data Based on Adaptive Pixel-by-Pixel Processing and Adaptive Variable	e
Length Coding	

and in and to said application and all divisional, continuing, substitute, renewal, reissue, 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 and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all all foreign countries on said improvements; and in and to all 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, continuing, substitute, renewal, reissue, 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

Rev. 10/01/96 (A2)

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.

Date:	May	20	, 19 <i>§7</i>	nebl
	U			Name:Sergey I. Kovalev
Date:		· · · · · · · · · · · · · · · · · · ·	, 19	Name:
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	cation No.		3/866,19				
	Date		<u>ay 30, 1</u>				
Group	Named Inv	ventor _	<u>Se</u>	rgey I. Kovalev			
Evan	Art Unit iner Name		27	V.			
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1.	[]	The Co any ov	ommiss er payn	oner is hereby authorized to charge tents to:	indicate	d fees and cre	dit
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Code	(\$)	Code	(\$)	Fee Description			Fee Paid
101	760	201	380	Utility application filing fee			0.00
106	310	206	155	Design application filing fee			·····
107 108	480 760	207 208	240	Plant filing fee			
114	150	200 214	380 75	Reissue filing fee			
114	150	214	75	Provisional application filing fee			
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Fee	Fee	Fee	Fee				
Code	(\$)	Code	(\$)	Fee Description			
103	18	203	(Ψ) 9	Claims in excess of 20			
102	78	202	39	Independent claims in excess of 3			
104	260	204	130	Multiple dependent claim, if not paid	d		
109	78	209	39	**Reissue independent claims over		patent	
110	18	210	9	**Reissue claims in excess of 20 and	d over o	riginal patent	
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 - 1 PTO/SB/17 (12-98)

 Patent fees are subject to annual revisions. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid.
 See Forms PTO/SB/09-12

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large	Entity	Small E	<u>Intity</u>		
Fee	Fee	Fee	Fee		
Code	(\$)	Code	(\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee	
				or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to	
				Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after	
				Examiner action	
115	110	215	55	Extension for response within first month	
116	380	216	190	Extension for response within second month	
117	870	217	435	Extension for response within third month	
118	1,360	218	680	Extension for response within fourth month	
128	1,850	228	925	Extension for response within fifth month	<u> </u>
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	<u></u>
138	1,510	138	1,510	Petition to institute a public use proceeding	<u></u>
140	110	240	55	Petition to revive unavoidably abandoned	
				application	
141	1,210	241	605	Petition to revive unintentionally	
140	1 010	040	COF	abandoned application	
142 143	1,210 430	242 243	605 215	Utility issue fee (or reissue) Design issue fee	
143	430 580	243	215	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	122	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per	
			10	property (times number of properties)	40.00
146	760	246	380	For filing a submission after final rejection	40.00
				(see 37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined	
				(see 37 CFR 1.129(a))	
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Typed	or Printe	d Name:	Danie	M. De Vos	
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	ture C	A	$\langle \cdot \rangle$	C Date 10/5/99	
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				TOTAL AMOUNT OF PAYMENT (\$)	0.00	
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First Na	med Inv	entor	Sei	gey I. Kovalev		
Group A	rt Unit		271	3		
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Attorney	Docket	<u>No.</u>	076	580.P007		
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1. <u>B</u>	ASIC F	ILING F	<u>EE</u>			
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Fee	Fee	Fee	Fee			
Code	(\$)	Code	(\$)	Fee Description		Fee Paid
101	760	201	380	Utility application filing fee		0.00
106	310	206	155	Design application filing fee		
107	480	207	240	Plant filing fee		
108	760	208	380	Reissue filing fee		
114	150	214	75	Provisional application filing fee		
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Fee	Fee	Fee	Fee			
Code	(\$)	Code	(\$)	Fee Description		
103	18	203	(⁽⁴⁾ 9	Claims in excess of 20		
102	78	202	39	Independent claims in excess of 3		
104	260	204	130	Multiple dependent claim, if not paid		
109	78	209	39	**Reissue independent claims over original	patent	
110	18	210	9	**Reissue claims in excess of 20 and over o		
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Patent fees are subject to annual revisions. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large	Entity	Small E	Intity		
Fee	Fee	Fee	Fee		
Code	(\$)	Code	(\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee	
				or cover sheet	
139	130	139	130	Non-English specification	<u></u>
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to	
				Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after	
	.,		.,	Examiner action	
115	110	215	55	Extension for response within first month	
116	380	216	190	Extension for response within second month	
117	870	217	435	Extension for response within third month	
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120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned	
			••	application	
141	1,210	241	605	Petition to revive unintentionally	
• • •	.,2.0			abandoned application	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per	
				property (times number of properties)	40.00
146	760	246	380	For filing a submission after final rejection	
				(see 37 CFR 1.129(a))	
149	760	24 9	380	For each additional invention to be examined	
				(see 37 CFR 1.129(a))	
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