FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 10-03-2001



U.S. Department of Commerce Patent and Trademark Office PATENT

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Conveying Party(ies)	Mark if additional names of conveying	parties attached Execution Date
		Month Day Year
Name (line 1) Shriram Venkataraman		09 18 2001
Name (line 2)		
Second Party		Execution Date Month Day <u>Year</u>
Name (line 1) Christopher Brown	_	09 18 2001
79	1110/10/	<u> </u>
Name (line 2)	1/18 606	
Receiving Party	☐ Mark if additional names of	receiving parties attached
Name (line 1) Schmalbach-Lubeca AG	i	
		If document to be recorded
Name (line 2)		is an assignment and the receiving party is not
Name (line 2)		is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic
Name (line 2) Address (line 1) Postfach 101257 .		is an assignment and the receiving party is not domiciled in the United States,
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Address (line 1) Postfach 101257 . Address (line 2)	Germany	is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from
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PATENT REEL: 012206 FRAME: 0179

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Correspondent	Name and Address Area Code and Tele	phone Number 248-641-1600
Name	Stanley M. Erjavac	
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Address (line 2)	P.O. Box 828	
Address (line 3)	Bloomfield Hills, MI 48303	
Address (line 4)		
Pages	Enter the total number of pages of the attach including any attachments	ed conveyance document # 2
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	he Patent Application Number or the Patent Number (DO	
Patent	Application Number(s)	Patent Number(s)
	filed together with a <u>new Patent Application</u> , enter the da	ate the patent application was Month Day Year
signed by the first name		09 18 2001
Patent Coopera	tion Treaty (PCT)	207
	T application number PCT	PCT PCT
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Number of Prop	erties Enter the total number of prop	erties involved. # 1
Fee Amount	Fee Amount for Properties Liste	ed (37 CFR 3.41): \$ 40.00
Method of F Deposit Ac		osit Account 🗌
Enter for payr	nent by deposit account or if additional fees can be charge	·
	Deposit Account Number:	# 08-0750
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Statement and	Signature	
To the best	of my knowledge and belief, the foregoing info py is a true copy of the original document. Cha	ormation is true and correct and any arges to deposit account are authorized, as
maicaled n	ALA mil	6.
Stanley M. Erjav	vac Liberty.	September 20, 2001
Name of Perso		re Date
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PATENT REEL: 012206 FRAME: 0180

ASSIGNMENT

Atty. Docket No. 8330-000240

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

PANEL

			. /
or which	Assigi	nor is a	bout to make or has made United States or International application for patent
(8	a)	\boxtimes	executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney):
(1	b)		executed on,; or
(0	c)		filed on, and assigned Serial No or PCT International Application No;
(0	d)		U.S. Patent No, issued; and
Federal I	Republ	ic of G	CHMALBACH-LUBECA AG, a corporation organized under the laws of the ermany, Postfach 101257. 40832 Ratingen, Germany, hereinafter referred to us of acquiring an interest therein:
whereof Assignee States of United S the afore enjoyed extension assignme for, any o	is here and if Ameri tates, t esaid a by Ass ns ther ent and of the ri	eby ack ts succ ica and the Pari pplicati signee t reof as d sale r ights re	FORE, for good and valuable consideration, the receipt and adequacy nowledged, Assignor by these presents does sell, assign and transfer unto essors in interest, the full and exclusive right, title and interest in the United all foreign countries, including the right to claim priority under the laws of the s Convention, and any foreign countries, to the said invention as described in on, said application for patent and all Letters Patent therefor to be held and to the full end of the term for which said Letters Patent are granted and any fully and entirely as the same would have been held by Assignor had this not been made, and the right to recover for past infringements of, or liabilities lating to any of said applications or patents resulting therefrom;
requeste States a continua examina and to th	ed for the and in tion-in-tion, one said suppo	he mak all for part, di r extens inventi	by covenants and agrees to execute all instruments or documents required or ing and prosecution of any applications of any type for patent in the United eign countries including, but not limited to, any provisional, continuation, visional, renewal or substitute thereof, and as to letters patent any reissue, resion thereof, and for litigation regarding, or for the purpose of protecting title on, the United States application for patent, or Letters Patent therefor, and to of, for the benefit of Assignee without further or other compensation than that
been or v	Assigno will be	or here entered	by covenants that no assignment, sale or agreement or encumbrance has into which would conflict with this Assignment; and
Letters F	Patent or cou ons as	of the ntries f afore	by requests the Commissioner of Patents and Trademarks to issue said United States of America to Assignee, and requests that any official of any oreign to the United States, whose duty it is to issue or grant patents and said, to issue said Letters Patent, Utility Model Registration or Inventor's
A (Applicat number	Assignotion Notion of said	or here o. applica	by authorizes and requests my attorney to insert here in parentheses , filed) the filing date and application ation when known.

ASSIGNMENT

1him	
First Inventor: Shriram Venkataram	nan
acknowledged to me that they exec	, 2001, before me personally al, who executed the foregoing instrument and who uted the same of their own free will for the purposed therein
set forth.	Notary Public,
(seal)	CENAWEZ County, State of MICHIGAN
	My Commission Expires: 30 OCT 2002
Chater B_	 _
Second Inventor: Christopher Brov	
On this day of appeared the foregoing individu acknowledged to me that they exec set forth.	al, who executed the foregoing instrument and who suted the same of their own free will for the purposed therein
	Notary Public,
(seal)	Notary Public, [SNAWEE County, State of MICHIGAN
	My Commission Expires: 20 OCT 2002

RECORDED: 09/20/2001

PATENT REEL: 012206 FRAME: 0182