PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mr. Steven Vantrease	12/07/2004

RECEIVING PARTY DATA

Name:	Toyota Technical Center USA, Inc.	
Street Address:	1555 Woodridge, RR #7	
City:	Ann Arbor	
State/Country:	MICHIGAN	
Postal Code:	48105	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11057580

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Thomas E. Anderson

Total Attachments: 2

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PATENT REEL: 015726 FRAME: 0055

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)			Docket No. TTC-18602/08
This is an As		s, title and interest: (check all that apply):	
X			
X			
\boxtimes	United States Patent Application		
	Date of Execution:	Date of Filing:	
	United States Provisional Pater		
	Other (specify)		
Title of the I	nvention		
nventors (as	ssignors) Name	Address	
Steven Var		1872 Chicoly Ridge, Ann Arbor, MI 481	02
1ssignee			
	Name	Address	
Toyota Tec	chnical Center USA, Inc.	1555 Woodridge, RR #7 Ann Arbor, MI 48105	

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AS03A/REV01

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. TTC-18602/08

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date	
Steven Vantrease	Signature/Date Signature/Date	

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