FORM PTO-1619A Expres 06/30/99 OMB 0651-0027	U.S. Department of Commerce Patent and Trademark Office PATENT			
mll .				
0-6-99	4/10 0 11/1			
RECOI	1011135 <u>37</u>			
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).				
Submission Type    X   New   Conveyance Type				
Resubmission (Non-Recordation) Document ID#	License Change of Name			
Correction of PTO Error Reel # Frame #	Merger Other U.S. Government			
Corrective Document Reel # Frame #	(For Use ONLY by U.S. Government Agencies)  Departmental File Secret File			
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date			
Name (line 1) John F. Grote	Month Day Year			
Name (line 2)	Execution Date			
Second Party Name (line 1)  J. Denton Tarbet	Month Day Year  07/30/99			
	07730777			
Name (line 2)				
Receiving Party  Name (line 1) Control Systems Technol	Mark if additional names of receiving parties attached  OGV TRC If document to be recorded			
	is an assignment and the receiving party is not			
Name (line 2)	domiciled in the United States, an appointment of a domestic			
Address (line 1) 1755 South 850 West	representative is attached. (Designation must be a			
Address (line 2)	separate document from Assignment.)			
Address (line 3) Columbus	Indiana U.S.A. 47201 State/Country Zip Code			
Domestic Representative Name and Address  Enter for the first Receiving Party only.				
Name				
Address (line 1)				
Address (line 2)				
Address (line 3)				
Address (line 4)				
FOR OFFICE USE ONLY 10/1999 NTHAI1 00000300 09332299				
C:581 40.00 OP				
	average approximately 10 minutes per Cover Sheet to be recorded including time for reviewing the document and			

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

FORM PTO Expires 06/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Corresponde	ent Name and Address	S Area Code and Telephone Nu	mber (317) 634-3456	
Name [	Christopher A. Brown	ı, Esq.		
Address (line 1)	Woodard, Emhardt, Na	ughton, Moriarty & McNett		
Address (line 2)	111 Monument Circle, Suite 3700			
Address (line 3)	Bank One Center/Towe	er		
Address (line 4)	Indianapolis, Indian	aa 46204-5137		
Pages	Enter the total number of including any attachmen	pages of the attached conveyance	document # 2	
Application I	Number(s) or Patent N	<del></del>	Mark if additional numbers attached	
	••	he Patent Number (DO NOT ENTER BOTH)	• • •	
09/332,299	ent Application Number(s)		Patent Number(s)	
If this document is	being filed together with a new 6	Patent Application, enter the date the patent	application was Month Day Year	
	t named executing inventor.	atom Application, officer the date the paterix		
·-	eration Treaty (PCT)	PCT PCT	PCT	
	r PCT application number <u>if</u> a U.S. Application Num		PCT	
has r	not been assigned.	PCIPCI	PCI	
Number of Properties  Enter the total number of properties involved. # 1				
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00				
	of Payment: Er	nclosed X Deposit Account		
Deposit Account  (Enter for payment by deposit account or if additional fees can be charged to the account.)				
		Deposit Account Number:	# 23-3030	
		Authorization to charge additional fe	ees: Yes X No	
Statement ar	nd Signature			
attache		belief, the foregoing information is the original document. Charges to d		
	IER A. BROWN	Mrsphr MDen	August 4,1999	
Name of Person Signing Signature ' Date'				

## **ASSIGNMENT**

WHEREAS, John F. Grote, of 1755 South 850 West, Columbus, Indiana 47201 and J.

Denton Tarbet of 24825 Laurel Crest Lane, Santa Clarita, California 91381, respectively,

hereinafter referred to as Assignors, have made a new and useful invention in VEHICULAR

BRAKE-BY-WIRE SYSTEM for which Assignors have made application for Letters Patent of
the United States; and

WHEREAS, Control Systems Technology, Inc., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 1755 South 850 West, Columbus, Indiana 47201, desires to acquire all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignors on the 30th day of July 1999, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof,

and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignor hereby authorizes and requests the firm of Woodard, Emhardt, Naughton, Moriarty & McNett of Bank One Center/Tower, 111 Monument Circle, Suite 3700, Indianapolis, IN 46204-5137 to insert here in parentheses (Serial No. 09/332, 299; Filed: June 11, 1999), the date and serial number of said application when officially known, and Assignor hereby authorizes and requests the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this 30 day of

John F. Grote

#52787