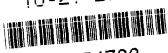
FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

10-21-2002



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**U.S. Department of Commerce** 

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RECORDATION FORM COVER SHEETE CERTION

PATENTS ONLY FINANCE SECTION			
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).			
Submission Type    10-15-02   Conveyance Type   Security Agreement   Sec			
x New Security Agreement			
Resubmission (Non-Recordation) Document ID#			
Correction of PTO Error Reel #			
Corrective Document (For Use ONLY by U.S. Government Agencies)  Reel # Departmental File Secret File			
Conveying Party(ies)  Mark if additional names of conveying parties attached Execution Date Month Day Year			
Name (line 1) Thomas H. Engle Month Day Year 08 01 02			
Name (line 2)  Second Party  Name (line 1)  Execution Date Month Day Year			
Name (line 2)			
Receiving Party Mark if additional names of receiving parties attached			
Name (line 1) Westinghouse Air Brake Technologies Corporation  If document to be recorded is an assignment and the receiving party is not domiciled in the United			
Address (line 1)  1001 Air Brake Avenue  States, an appointment of a domestic representative is attached (Designation must be a			
Address (line 2) separate document from Assignment.)			
Address (line 3) Wilmerding PA State/Country Zip Code			
Domestic Representative Name and Address Enter for the first Receiving Party only.			
Name [			
Address (line 1)			
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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 an authorized the cover Sheet to be recorded, including time for reviewing the document and authorized the cover Sheet Sand 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.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

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**PATENT** 

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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address	Area Code and Telephone Number 4	12-562-1370	
Name John E. Grosselin, I	II		
Address (line 1) Buchanan Ingersoll,	P.C.		
Address (line 2) 301 Grant Street, 20	th Floor		
Address (line 3) Pittsburgh, PA 1521	9		
Address (line 4)			
Pages Enter the total number of princluding any attachment	pages of the attached conveyance documes.	ent # 3	
Application Number(s) or Patent Nu		dditional numbers attached	
Patent Application Number (s)	e Patent Number (DO NOT ENTER BOTH numbers for Patent	Number(s)	
10/243,011			
If this document is being filed together with a new Posigned by the first named executing inventor.	atent Application, enter the date the patent application	n was Month Day Year	
Patent Cooperation Treaty (PCT)	PCT PCT	PCT	
Enter PCT application number only if a U.S. Application Number	PCT PCT PCT	PCT	
has not been assigned.			
Number of Properties  Enter the	total number of properties involved. #	1	
Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00			
Method of Payment: Enclosed x Deposit Account Deposit Account			
(Enter for payment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number: # 02-4553			
	Authorization to charge additional fees:	Yes X No	
Statement and Signature			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.			
John E. Grosselin, III	(Allword)	1029-02	
Name of Person Signing	Signature	Date	

## Assignment

WHEREAS, I, Thomas H. Engle	
residing at Clayton, Jefferson County, New York	)
	······································
have invented certain new and useful improvements in RAMP CAR	
for which I have this day executed an application for United States Letters Patent;	,
AND WHEREAS Westinghouse Air Brake Technologies Corporation	
1001 Air Brake Avenue Wilmerding, Pennsylvania 15148	
hereinafter called the "assignee," is desirous of acquiring the entire right, title, and interest in and to said application and improvements therein disclosed;	ion and the inventions
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration paid to receipt whereof I hereby acknowledge, I do hereby assign, sell, transfer, and set over unto said assignee the entire r in and to said application and the inventions and improvements therein disclosed for the United States and all foreign Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, co and/or extensions thereof, including all priority rights under the International Convention associated therewith for Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters I divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the said and enjoyed by me had this assignment not been made.	right, title, and interest eign countries and any ontinuations, renewals, or each country of the Patent and any and all
The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewarm the lawful owner of the said application, inventions, and improvements, that the same are unencumbered, the granted to make, use, or vend the said inventions or improvements or any of them, and that I have the full right to make	at no license has been
And for the consideration aforesaid, I agree that I will communicate to said assignee or the representatives the to me respecting said inventions and improvements, and will, upon request, but without expense to me, testify in a sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assign upon my heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators and/or assigns, as the case that yee, of said assignee.	any legal proceedings, all rightful oaths, and id assignee, to assist or ament shall be binding
EXECUTED	
DI HE	(SEAL)
State of New York  Ny 5 L: 77:  County of	2 248217 92403
Before me, a Notary Public in and for the said County and State, personally appeared Thomas H. Engle	,
who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free deed.	and voluntary act and
Witness my hand and notarial seal this	
(Notarial Seal)  Notary Public, State of New York Qualified in Jefferson County My Commission Expires 07/29/20	

NOTE - This assignment should be recorded in the U.S. Patent and Trademark Office within three months after its date of execution.

**RECORDED: 10/15/2002** 

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