FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	C	9-13-2002		U.S. Department of Commer Patent and Trademark Office PATENT
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TO: The Commissioner of Pa		PATENTS ON	LY attached original doo	cument(s) or copy(ies)
Submission Type New	11.02	Conveyance Ty Assignment		50
Resubmission (Non-Re	cordation)	License	Change of N	lame
Correction of PTO Erro	r ame #	Merger	Other	
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Conveying Party(ies)		Mark if additions	al names of conveying pa	
Name (line 1) Wei Li				08 01 0
Name (line 2) Second Party				Execution Date Month Day Ye
Name (line 1)				
Name (line 2)				
Receiving Party				of receiving parties attached
Name (line 1) Westingh	ouse Air Brake	Technologies C	orporation	If document to be rec is an assignment an receiving party is no
Name (line 2)				domiciled in the Unit States, an appointment
Address (line 1) 1001 Air	Brake Avenue			of a domestic representative is atta (Designation must be
Address (line 2)				separate document i Assignment.)
Address (line 3) Wilmerdi	ng	Pennsylvania		148
Domestic Representat	City	State/Country	r for the first Receiving P	Zip Code
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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

> PATENT REEL: 013272 FRAME: 0926

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	Area Code and Telephone Number	412-562-1370		
Name [John E. Grosselin, III				
Address (line 1)	Buchanan Ingersoll, P.	с.			
Address (line 2)	301 Grant Street, 20th Floor				
Address (line 3)	Pittsburgh, PA 15219				
Address (line 4)					
Pages	Enter the total number of pag- including any attachments.	es of the attached conveyance docume	ent # 3		
Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).					
	е Раселс Аррисацоп Number or the Pa ent Application Number(s)		Number(s)		
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If this document is signed by the first	being filed together with a <u>new</u> Patent tnamed executing inventor.	t Application, enter the date the patent application	was Month Day Year		
_	eration Treaty (PCT)	PCT PCT	РСТ		
	r PCT application number if a U.S. Application Number				
	not been assigned.	PCT PCT	PCT		
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					
	Aı	uthorization to charge additional fees:	Yes X No		
Statement a	nd 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.					
	Grosselin, III	J. Musel III	9/6/02		
Name	of Person Signing	Signature	/ D≱te		

REEL: 013272 FRAME: 0927

Assignment

WHEREAS, I, Wei Li,
residing at Pittsburgh, Allegheny County, Pennsylvania ,
have invented certain new and useful improvements in SPRING ASSISTED APPARATUS FOR RAMP ACTUATING MECHANISM AND MOVABLE DRAFT ARM ARRANGEMENT 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 the inventions and improvements therein disclosed;
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration paid to me by said assignee, receipt whereof I hereby acknowledge, I do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof, including all priority rights under the International Convention associated therewith for each country of the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.
The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. I covenant that I am the lawful owner of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that I have the full right to make this assignment.
And for the consideration aforesaid, I agree that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon my heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.
EXECUTED August 1, 2002
Pennsylvania State of Pittsburgh State of Allegheny (SEAL)
Before me, a Notary Public in and for the said County and State, personally appeared, Wei Li who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and
deed. Witness my hand and notarial seal this 1st day of Quest, 2002
(Notarial Seal) Onet a. Koral Notary Public

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

RECORDED: 09/11/2002

Notarial Seal
Janet A. Korch, Notary Public
Wilmerding Boro, Allegheny County
My Commission Expires Feb. 23, 2003

Member, Pennsylvania Association of pactaries

PATENT REEL: 013272 FRAME: 0928