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ATTORNEY DOCKET <u>CRD 0111</u>	19	
FORM PTO-1595 (Rev. 6-93)		U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0011 (exp. 4/94)		102006290
To the Honorable Commissioner of	Patents and Trademarks: Pleas	se record the attached original documents or copy thereof.
1. Name of conveying party(ies):		2. Name and address of receiving party(ies)
Michael E. Ring		Name: Westinghouse Air Brake Technologies Corporation
David C. Brabb		1001 Air Brake Avenue
		Wilmerding, Pennsylvania 15148-0001
Additional name(s) & address(es) att	ached? (Yes XNo	
3. Nature of conveyance:		
X Assignment	Merger	
Security Agreement	Change of Name	Additional name(s) & address(es) attached? Yes X No
D Other		OFFICE - FRIA
Execution Date: <u>6-18-2001 and 6-2</u>	5-2001	
Application number(s) or patent n	umber(s)	
If this document is being filed toge	ether with a new application, th	e execution date of the application is:
A. Patent Application No.(s): 09	3/874,449	B. Patent No.(s):
	Additional numbers	attached? Ves X No
. Name and address of party to whom correspondence concerning document should be mailed.		6. Total number of applications and patents involved: <u>1</u>
Name of Agent: <u>James O. Ray, .</u>	<u>Jr.</u>	
Name: JAMES RAY & ASSOCIA	TES	7. Total fee (37 CFR 3.41) \$ <u>40.00</u>
Internal Address:		X Enclosed Authorized to be charged to deposit account
Street Address: 2640 PITCAIRN F	ROAD	8. Deposit account number:
City: <u>MONROEVILLE</u> State: <u>PA</u>	<u>_</u> ZIP: <u>15146</u>	
		(Attach duplicate copy of this page if paying by deposit account) E THIS SPACE
9.FC35#ement and signature 40	belief, the foregoing information	n is true and correct and any attached copy is a true copy of the
D FC35ft ement and signature 40 To the best of my knowledge and	belief, the foregoing information	n is true and correct and any attached copy is a true copy of the <u>April 8, 2002</u> DATE
DFC35812ement and signature 40 To the best of my knowledge and original document. <u>James O. Ray, Jr.</u> NAME OF PERSON SIGNING Mail doc	belief, the foregoing information	April 8, 2002

1

PATENT REEL: 012818 FRAME: 0779

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) Michael E. Ring and David C. Brabb (hereinafter ASSIGNORS) by

WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

MECHANICAL SENSOR FOR A QUICK RELEASE HAND BRAKE

for which application for Letters Patent of the United States was executed on even date herewith, and all Letters Patent of the United States and corresponding Foreign patents to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

THE ASSIGNORS agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

THE ASSIGNORS agree(s) to execute all papers necessary in connection with any interference or litigation which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereof and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

MICHAEL E. RING

RECORDED: 04/15/2002