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To the honorable Commissioner	102	531802	attached origin د ما	al document or co	opy thereof:		
Name of Conveying Party(ies):		Name and Address of Receiving Party(ies):					
Roland JOHANSSON		Name:	VAGVERKET				
Johnny MATTSSON		Street Address:	Vagverket Produktion				
		Street Address:					
		City:	BORLANGE				
		State/Country:	SWEDEN	Postal Code:	SE-781 87		
Additional name(s) of conveying party(ies) attached?	Yes No	Additional name(s) and addr	esses attached? Yes	. Ⅲ No			
3. Nature of Conveyance:							
Assignment	☐ Change of Name						
☐ Security Agreement		Other:					
☐ Merger		Execution Date:	04-14-2003 AND	04-15-2003			
4. Application Number(s) or Patent Nu	mber(s):						
Assignment is being filed together with new application and the first execution date of application is:  04-14-2003							
Application has been filed already	and the applica	ation filing date is:					
A. Patent Application Number(s):		B. Issued Patent Number(s):					
Additional numbers attached? Yes No							
5. Name and address of party to whom corresponder concerning this matter should be mailed:		nce	6. Total number of applications and patents involved:				
CUSTOMER NUMBER 00136 -or-			7. Total Fee (37	CFR 3.41):	\$ 40.00		
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Harvey B. Jacobson, Jr. 20,851	ry Brown	<del></del>	April 28, 20	)03			
Name of Person Signing, Reg. No.		l Signature	U		Date		
	Total	number of pages include	ling cover sheet, atta	achments, and do	cuments: 2	,	

JCH 103-2/02

**PATENT REEL: 014404 FRAME: 0527** 

## UNITED STATES OF AMERICA - ASSIGNMENT Roland Johansson Insert Name(s) of Inventors Johnny Mattsson (2)(3) (4) (5)In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to (6)(6) Insert Name of Assignee Vägverket Produktion, SE-781 87 BORLÄNGE, Sweden Insert Address of Assignee (7)(7) Government Organization Sweden (8) (8)of Insert Legal Entity and State or Country (e.g., a corporation or (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the Invention known as citizen of Japan) Insert Identification of Invention, PCT/SE01/02354 (9) (9) such as Title, Case Number or Foreign Application Number ........... for which the undersigned has (have) executed an application for patent in the United States of Insert Date of signing of Said application having been executed/filed on \_\_\_\_\_ (and assigned (10)(10)Application, or filing date and Serial No. \_\_\_\_\_) Serial No., if known 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient. 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference. 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims provisions of the International Union for Protection of Industrial Property or similar agreements. 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith. 6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including right to sue for, and collect damages for, any and all acts of past and future infringement. 7) The undersigned hereby grant(s) the law firm of Jacobson Holman PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the

United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s) April 2003 Name of Inventor Roland Johansson (SFAL) typed name Name of Inventor Johnny Mattsson (SEAL) (SEAL) Name of Inventor Date signature (SEAL) Name of Inventor Date signature (SEAL) Name of Inventor Date signature typed name

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

Additional inventor's names and on a separate sheet.

Witness

Witness

LAW OFFICES OF

## JACOBSON HOLMAN

PROFESSIONAL LIMITED LIABILITY COMPANY
THE JENIFER BUILDING
400 SEVENTH STREET, N.W.
WASHINGTON, D.C. 20004

JH 5/01 (Copying without deletions permitted)

RECORDED: 04/28/2003

PATENT REEL: 014404 FRAME: 0528