PAT	ENTS ONLY U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Director of the United States Patent and Trademark	Attorney's Docket No. 024445-579
Name of conveying party(ies): AKE JOHANSSON, 2) KENNETH LUNDBERG	Attorney's Docket No. 024445-579 c Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name: SANDVIK AB
dditional name(s) of conveying party(les) attached? Yes No. Nature of conveyance; Assignment Merger Security Agreement Change of Name	Address: S-811 81 SANDVIKEN SWEDEN
Execution Date: JUNE 13, 2005; JUNE 15, 2005	
Application number(s) or patent number(s):	Additional name(s) & addresses attached? Yes 🗖 No
If this document is being filed together with a new application	The greatest armathe(s) & addresses attached? Yes 🔀 No
A. Patent Application No.(s) 11/110,854 Additional numbers attached	B. Patent No.(s)
Name and address of party to whom correspondence concerning document should be mailed: Name: Ronald L. Grudziecki, Esq.	6. Total number of applications and patents involved:
Address: Burns, Doane, Swecker & Mathis, L.L.P. Customer Number 2 1 8 3 9 P.O. Box 1404	7. Total fee (37 CFR 3.41)\$ \$40.00 (8021) Enclosed Authorized to be charged to deposit account
P.O. Box 1404	Credit card. Form PTO-2038 is attached
P.O. Box 1404 Alexandria, Virginia 22313-1404	8. Deposit account number: 02-4800
Alexandria, Virginia 22313-1404	8. Deposit account number: 02-4800 (Attach duplicate copy of this page if paying by deposit account.)
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Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office / Mail Stop Assignment Recordation Services
P.O. Box 1450 / Alexandria, VA 22313-1450

Attorney	Docket	No.	02444	5-579
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JOINT ASSIGNMENT

orporation	(a) U (b) U which is (a) (a) (b) (c) (c) (d) AS, SAN duly orga		11/110,854, filed on executed on even date in executed on a different of	onApril 21, 2005 herewith prior to filing of date than this Assignment; and
(2) 🗷 WHERE	(a) U (b) U which is (a) (a) (b) (c) (c) (d) AS, SAN duly orga	bearing Application No to be filed herewith; or a non-provisional application bearing Application No having an oath or declaration application; having an oath or declaration DVIK AB	11/110,854, filed on executed on even date in executed on a different of	onApril 21, 2005 herewith prior to filing of date than this Assignment; and
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_	(a) (b)	bearing Application No to be filed herewith; or a non-provisional application		··
(1)	(a) 📙	bearing Application No.	, filed	on;
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WHE⊱ Patent of th	REAS, the he United :	Assignors have invented cert	ain new and useful impro-	vements in the application for Letter
(hereinafte	r referred	to as "the Assignors"), witnes	seth:	
	<u> </u>	11 36 SANDVIKEN, SWEDEN	N, 2) S-747 40 GIMO, SI	WEDEN
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		NMENT, by <u>1) ÅKE JOHANS</u>	SON, 2) KENNETH LUN	

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PATENT (7/04)

Application No. <u>11/110,854</u>
Attorney Docket No. <u>024445-579</u>

(hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns,

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. to insert in the spaces provided above the title of the invention, filing date, application number, and attorney docket number of said application when known.

Application No.	11/110,854
Attorney Docket No	024445-579

AND the Assignors hereby request the Director of the United States Patent and Trademark Office to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

Date: 050613	Signature of Assignor	- Ake Johansan
Date:2005 -06-15	Signature of Assignor	Ake JOHANSSON Ammelinen Kenneth LUNDBERG
Date:	Signature of Assignor	
Date:		

RECORDED: 07/05/2005