


Substitute for Form PTO-1595		<b>RECORDATION FORM COVER SHEET PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office			
<b>Attorney's Docket No. 024445-583</b>							
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.							
1. Name of conveying party(ies):  Sandvik Intellectual Property HB  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies): Name: SANDVIK INTELLECTUAL PROPERTY AKTIEBOLAG  Address:  S-811 81 Sandviken Sweden  Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other  Execution Date: June 30, 2005			4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____  <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;">           A. Patent Application No.(s)             SEE ATTACHED LISTING         </td> <td style="width: 50%; vertical-align: top;">           B. Patent No.(s)             SEE ATTACHED LISTING         </td> </tr> </table> Additional numbers attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			A. Patent Application No.(s)  SEE ATTACHED LISTING	B. Patent No.(s)  SEE ATTACHED LISTING
A. Patent Application No.(s)  SEE ATTACHED LISTING	B. Patent No.(s)  SEE ATTACHED LISTING						
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Ronald L. Grudziecki Address:  Burns, Doane, Swecker & Mathis, L.L.P. Customer Number 2 1 8 3 9 P.O. Box 1404 Alexandria, Virginia 22313-1404			6. Total number of applications and patents involved: <span style="border: 1px solid black; padding: 0 10px;">705</span>  7. Total fee (37 CFR 3.41).....\$ 28,200 (8021) <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Credit card. Form PTO-2038 is attached.  8. Deposit account number: 02-4800 (Attach duplicate copy of this page if paying by deposit account.)				
<b>DO NOT USE THIS SPACE</b>							
9. Statement and Signature. <i>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.</i>							
Ronald L. Grudziecki Name of Person Signing		24,970 Reg. No.	 Signature		June 30, 2005 Date		
Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 0 10px;">9</span>							

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

CH \$28200.00 024800 09857688

700191827

**PATENT**  
**REEL: 016621 FRAME: 0366**

**ISSUED U.S. UTILITY AND DESIGN PATENTS:**

RE37,595	D347,642	5,199,827
D416029	D355,661	5,205,680
D454143	D395,663	5,224,402
	D476,669	5,231,060
D477,003	D475,723	5,242,655
D477,004	D475,724	5,246,315
D477,005	D475,725	5,248,289
D476,019	D389,846	5,256,009
D381,026	D485,852	5,264,283
D330,033	D329,859	5,267,817
D363,076	D362,859	5,275,525
D365,112	D367,866	5,275,633
D454,142	D452,870	5,277,686
D371,146	D366,882	5,284,216
D444,156	D348,891	5,286,549
D376,158	4,722,430	5,288,180
D389,161	4,726,464	5,302,060
D364,178	4,776,733	5,305,841
D415,178	4,781,281	5,308,376
D442,193	4,795,290	5,312,209
D442,194	4,815,582	5,314,657
D442,195	4,834,597	5,324,595
D442,196	4,844,668	5,330,297
D393,270		5,335,738
D344,276	4,884,461	5,353,668
D487,281	4,889,455	5,358,063
D443,294	4,913,125	5,360,298
D369,362	4,915,209	5,365,805
D371,374	4,934,883	5,367,466
D475,376	4,938,110	5,375,948
D475,377	4,938,335	5,380,408
D475,378	4,950,108	5,395,186
D475,379	4,964,925	5,395,421
D329,439	4,968,068	5,399,061
D329,440	4,988,242	5,401,461
D340,464	5,007,775	5,411,354
D357,485	5,011,340	5,411,701
D357,486	5,026,224	5,417,475
D389,496	5,029,500	5,421,679
D389,497	5,047,096	5,423,639
D486,505	5,054,217	5,423,640
D470,516	5,059,069	5,429,458
D470,517	5,070,748	5,441,370
D418,526	5,071,696	5,441,764
D466,537	5,119,703	5,443,334
D431,578	5,141,901	5,447,396
D351,606	5,147,475	5,449,647
D477,618		5,451,469

**PATENT****REEL: 016621 FRAME: 0367**

5,454,671	5,697,737	5,921,632
5,462,574	5,698,314	5,924,826
5,466,097	5,702,808	5,925,197
5,476,346	5,705,263	5,931,243
5,477,934	5,716,053	5,931,613
5,484,468	5,729,823	5,934,843
5,487,625	5,743,681	5,934,844
5,487,626	5,759,308	5,934,847
5,496,131	5,759,621	5,942,318
5,496,638	5,761,593	5,944,457
5,505,569	5,761,981	5,945,207
5,505,902	5,765,972	5,950,745
5,512,237	5,766,782	5,951,788
5,529,804	5,771,763	5,957,629
5,543,176	5,772,366	5,964,553
5,544,984	5,786,069	5,965,471
5,549,980	5,786,076	5,967,705
5,564,320	5,795,109	5,968,595
5,567,092	5,795,116	5,971,670
5,575,342	5,800,868	5,971,672
5,576,058	5,803,230	5,976,213
5,578,265	5,807,041	5,976,455
5,582,656	5,810,518	5,980,165
5,584,175	5,810,521	5,980,968
5,584,907	5,813,105	5,984,024
5,586,844	5,816,755	5,984,592
5,591,320	5,827,017	5,993,120
5,594,929	5,827,476	5,993,638
5,616,526	5,829,923	5,993,730
5,622,461	5,834,061	5,993,970
5,624,068	5,839,519	6,004,080
5,632,824	5,851,687	6,004,081
5,632,826	5,856,626	6,004,371
5,634,745	5,861,210	6,007,766
5,634,747	5,863,640	6,007,909
5,637,037	5,865,574	6,010,581
5,645,132	5,870,423	6,010,581
5,649,279	5,871,309	6,016,720
5,654,035	5,876,524	6,017,171
5,659,872	5,881,828	6,017,488
5,667,343	5,885,653	6,026,776
5,669,742	5,887,242	6,043,176
5,674,564	5,887,698	6,045,308
5,676,496	5,890,551	6,050,751
5,676,499	5,894,919	6,053,669
5,676,519	5,897,272	6,062,322
5,682,590	5,902,671	6,065,906
5,685,671	5,909,796	6,066,582
5,685,672	5,911,867	6,071,469
5,685,674	5,912,051	6,073,711
5,688,080	6,914,286	6,074,138
5,688,729	5,918,715	6,076,618
5,693,417	5,919,578	6,076,683

**PATENT**  
**REEL: 016621 FRAME: 0368**

6,076,999	6,221,479	6,382,885
6,086,290	6,224,972	6,382,951
6,086,291	6,227,771	6,383,624
6,086,650	6,228,139	6,394,709
6,086,980	6,231,807	6,406,224
6,090,476	6,238,147	6,413,293
6,095,958	6,241,799	6,416,871
6,103,357	6,242,112	6,421,906
6,105,693	6,244,423	6,423,112
6,109,836	6,244,780	6,423,403
6,112,832	6,244,791	6,431,654
6,112,835	6,247,196	6,443,672
6,113,195	6,250,855	6,447,218
6,113,319	6,253,904	6,447,219
6,119,798	6,257,517	6,447,912
6,125,134	6,261,673	6,451,133
6,125,952	6,267,797	6,451,180
6,126,366	6,270,294	6,454,026
6,126,709	6,272,726	6,454,498
6,129,891	6,273,930	6,461,989
6,131,672	6,280,122	6,464,748
	6,287,489	6,468,680
6,135,678	6,290,436	6,470,989
6,139,315	6,290,902	6,471,448
6,139,921	6,293,360	6,475,307
6,145,603	6,294,129	6,481,938
6,146,061	6,296,953	6,482,759
6,146,065	6,299,992	6,485,679
6,146,582	6,303,237	6,490,793
6,164,392	6,309,159	6,491,154
6,168,356	6,312,199	6,499,544
6,174,386	6,312,532	6,502,650
6,177,178	6,325,710	6,503,028
6,182,776	6,325,838	6,508,318
6,187,254	6,326,093	6,521,172
6,193,446	6,333,098	6,524,034
6,193,451	6,333,099	6,524,169
6,193,777	6,333,100	6,524,364
6,196,770	6,334,482	6,527,486
6,197,083	6,334,493	6,530,440
6,197,132	6,334,740	6,530,728
6,199,656	6,334,742	6,531,007
6,200,077	6,340,445	6,540,449
6,200,671	6,341,924	6,541,135
6,202,327	6,342,291	6,543,970
6,207,102	6,343,898	6,547,891
6,208,666	6,344,170	6,554,971
6,209,703	6,344,264	6,563,095
6,210,632	6,344,635	6,569,221
6,210,726	6,352,194	6,572,309
6,214,287	6,352,571	6,579,042
6,217,263	6,370,995	6,582,162
6,220,426	6,382,277	6,582,163

PATENT  
REEL: 016621 FRAME: 0369

6,585,169	6,767,156
6,595,727	6,767,583
6,599,050	6,769,843
6,601,486	6,773,660
6,602,028	6,783,307
6,602,312	6,783,308
6,609,859	6,786,682
6,609,953	6,792,834
6,612,207	6,799,388
6,616,970	6,811,360
6,619,891	6,811,580
6,619,892	6,814,526
6,623,202	6,820,561
6,623,216	6,830,604
6,627,007	6,840,717
6,627,049	6,854,367
6,632,051	6,854,398
6,632,302	6,855,413
6,634,568	6,857,832
6,638,609	6,869,668
6,655,879	6,871,859
6,658,968	6,878,181
6,661,157	6,880,437
6,673,307	6,896,452
6,673,393	6,896,455
6,673,430	6,899,495
6,676,893	
6,681,875	
6,682,273	
6,682,275	
6,685,880	
6,689,231	
6,692,199	
6,692,690	
6,692,822	
6,695,551	
6,699,526	
6,702,529	
6,705,805	
6,706,327	
6,707,016	
6,708,590	
6,709,065	
6,709,204	
6,713,172	
6,715,967	
6,715,968	
6,722,827	
6,733,214	
6,733,215	
6,736,574	
6,749,697	
6,761,751	

**PATENT**  
**REEL: 016621 FRAME: 0370**

**PENDING U.S. PATENT & DESIGN APPLICATIONS**

09/857,688	10/478436	10/841,574
09/861,522	10/478445	10/845,556
10/018,085	10/481,859	10/846,593
10/019,778	10/490,633	10/846,632
10/058389	10/492,370	10/849,445
10/112,941	10/496,491	10/849,447
10/168,011	10/502,766	10/851,099
10/181,894	10/502,767	10/855,873
10/203,509		10/857,922
10/229,154	10/504,672	10/863,356
10/232,726	10/505152	10/873,234
10/232,727	10/510,143	10/882,385
10/250,923	10/510,144	10/882,627
10/250,925	10/510,145	10/893,366
10/257,112	10/510,146	10/897,128
10/257,259	10/512,349	10/915,508
10/257,267	10/518,235	10/915,513
10/259,308	10/519,711	10/918,391
10/259,383	10/603,653	10/918,455
10/275,168	10/603,930	10/921,840
10/290,468	10/606,963	10/921,888
10/291,665	10/606,994	10/921,943
10/291,666	10/616,988	10/925,922
10/299,833	10/641,138	10/961,192
10/301,736	10/642,343	10/963,578
10/311,540	10/646,702	10/965,198
10/312,532	10/679,281	10/965,206
10/315,074	10/679,282	10/991,438
10/315,100	10/679,326	10/994,647
10/325,730	10/679,379	11/002,664
10/332,457	10/688,998	11/007,235
10/375,153	10/692,864	11/011,137
10/381,358	10/702,730	11/011,185
10/381,359	10/755,347	11/014,954
10/381,643	10/755,349	11/023,392
10/392,873	10/757,401	11/034,723
10/392,898	10/760,387	11/042,213
10/410,209	10/763,230	11/057,670
10/410,353	10/765,117	11/073,624
10/422,995	10/765,847	29/212,831
10/432,436	10/769,748	29/219,628
10/437,971	10/770,514	29/219,641
10/439,182	10/798,297	60/522,969
10/444,127	10/799,680	
10/446,727	10/807,376	
10/446,728	10/808,457	
10/451,035	10/823,620	
10/454,602	10/823,651	
10/462,615	10/823,661	
10/476,417	10/833,187	

**PATENT**  
**REEL: 016621 FRAME: 0371**

**(Sandvik Intellectual Property HB to Sandvik Intellectual Property AB Assignment)**

<b><u>Application No.</u></b>	<b><u>Filing Date</u></b>	<b><u>Inventor(s)</u></b>
08/296,933	-----	-----
10/760,484	January 21, 2004	Zimmer
10/974,948	October 28, 2004	Malmberg
10/982,761	November 8, 2004	Evertsson
11/090,142	March 28, 2005	Malmberg

**PATENT**  
**REEL: 016621 FRAME: 0372**

**(Sandvik Intellectual Property HB to Sandvik Intellectual Property AB Assignment)**

<b><u>Patent No.</u></b>	<b><u>Issue Date</u></b>	<b><u>Inventor(s)</u></b>
4,992,948	February 12, 1991	Pilland et al.
5,206,880	April 27, 1993	Olsson
5,267,609	December 7, 1993	Olsson
5,708,408	January 13, 1998	Sundberg
5,946,341	August 31, 1999	Bizzarri
5,970,306	October 19, 1999	Franzen et al.
5,986,244	November 16, 1999	Jönsson et al.
6,072,821	June 6, 2000	Axelsson
6,125,134	September 26, 2000	Jönsson et al.
6,160,957	December 12, 2000	Johansson
6,277,795	August 21, 2001	Bergman et al.
6,308,008	October 23, 2001	Johansson et al.
6,425,754	July 30, 2002	Lindskog
6,473,954	November 5, 2002	Rosberg et al.
6,634,444	October 21, 2003	Fuller et al.
6,683,281	January 27, 2004	Sundberg et al.
6,799,439	October 5, 2004	Lindskog et al.
6,879,622	April 12, 2005	Johansson
D449,375	October 16, 2001	Andersson et al.
D452,560	December 25, 2001	Andersson et al.
D452,561	December 25, 2001	Andersson et al.

**PATENT**  
**REEL: 016621 FRAME: 0373**



Attorney Docket No. 024445-583

**ASSIGNMENT**

**THIS ASSIGNMENT**, by Sandvik Intellectual Property HB having a principal place of business at S-811 81 Sandviken, Sweden (herein referred to as "the Assignor"), witnesseth:

**WHEREAS**, the Assignor is the owner of certain new and useful improvements set forth in the attached Appendix;

**WHEREAS**, SANDVIK INTELLECTUAL PROPERTY AKTIEBOLAG, having its principal place of business at S-811, 81, Sandviken, Sweden (hereinafter referred to as "the Assignee"), is desirous of acquiring, and does hereby acquire, the entire right, title and interest in and to said patents. Assignee has also acquired the right to retroactive compensation for past infringement.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns its entire right, title, and interest in and to the above-mentioned patents, and reissues and extensions of said Letters Patent or Patents, and all its 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 Assignor had this sale and assignment not been made;

**AND** for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the lawful owner of a right, title, and interest in and to the patents, and that the same are unencumbered, and that the Assignor has 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 Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor 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 patents, or any reissue or extension of any Letters Patent or Patents obtained or 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, 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.

Date: June 30, 2005By: 

Lennart Täquist  
President  
Sandvik Intellectual Property HB

RECORDED: 06/30/2005

**PATENT**  
REEL: 016621 FRAME: 0374