U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office 64 e record the attached original documents or copy thereof. Name and address of receiving party(ies) Name: Wells Fargo Bank, National Association, as Collateral Agent Internal Address: P.O. Box 150 Street Address: 400 Hamilton Avenue City: Palo Alto State: CA Zip:94302 Individual(s) citizenship Association General Partnership Limited Partnership Corporation-State Corporation-State Corporation-State Corporation is attached: Yes No N/A
Precord the attached original documents or copy thereof. Name and address of receiving party(ies) Name: Wells Fargo Bank, National Association, as Collateral Agent Internal Address: P.O. Box 150 Street Address: 400 Hamilton Avenue City: Palo Alto State: CA Zip:94302 Individual(s) citizenship Association General Partnership Limited Partnership Corporation-State Cother National Banking Association f assignee is not domicited in the United States, a domestic epresentative designation is attached: Yes No N/A
Name: Wells Fargo Bank, National Association, Internal Address: P.O. Box 150 Street Address: 400 Hamilton Avenue City: Palo Alto State: CA Zip:94302 Individual(s) citizenship Association General Partnership Limited Partnership Corporation-State Cother National Banking Association fassignee is not domicited in the United States, a domestic epresentative designation is attached: Yes No N/A
(Designations must be a separate document from assignment) Additional name(s) & address(es) attached? 🎴 Yes 🖳 No
B. Trademark Registration No.(s) See attached Trademark Security Agreement d 🏿 Yes 🖳 No
Total number of applications and registrations involved:
Total fee (37 CFR 3.41)
Deposit account number:
Attach duplicate copy of this page if paying by deposit account)
SSPACE

01/26/2004 LMUELLER 00000077 2015685

01 FC:8521 02 FC:8522

Peter Szurley

Name of Person Signing

Mail documents to be recorded with required rever sheet information to:

Commissioner of Patent & Trademarks, Box Assignments

Washington, D.C. 20231

ATTACHMENT I TO TRADEMARK SECURITY AGREEMENT

ITEM A. TRADEMARKS

REGISTERED TRADEMARKS

USA ARTHROWAND 2,015,685 11/12/96 USA ARTHROCARE 2,015,686 11/12/96 USA CAPS 2,300,559 12/14/99 USA COBLATION 2,279,941 09/21/99 USA ENTec 2,307,874 01/11/00 USA VISAGE 2,258,117 06/29/99 USA COVAC 2,386,100 09/12/00 USA TURBOVAC 2,440,547 04/03/01 USA DISCOBLATOR 2,472,239 07/24/01 USA COBLATOR 2,482,849 08/28/01 USA HUMMINGBIRD 2,492,972 09/25/01 USA VERSITOR 2,508,009 11/13/01 USA TITAN 2,534,981 01/29/02 USA TRISTAR 2,548,518 03/12/02 USA RAZORVAC 2,604,819 08/06/02 USA CAPSURE 2,628,630 10/01/02 USA CAPSURE 2,628,630 10/01/02 USA COBLATION 2,652,217 11/19/02 USA PERCD 2,659,368 12/10/02 USA COBLATION 2,652,217 11/19/02 USA COBLATION & 2,713,113 05/06/03 DESIGN USA NUCLEOPLASTY 2,735,555 07/08/03	COUNTRY	Trademark	REGISTRATION NO.	REGISTRATION DATE
USA CAPS 2,300,559 12/14/99 USA COBLATION 2,279,941 09/21/99 USA ENTec 2,307,874 01/11/00 USA VISAGE 2,258,117 06/29/99 USA COVAC 2,386,100 09/12/00 USA TURBOVAC 2,440,547 04/03/01 USA DISCOBLATOR 2,472,239 07/24/01 USA COBLATOR 2,482,849 08/28/01 USA HUMMINGBIRD 2,492,972 09/25/01 USA VERSITOR 2,508,009 11/13/01 USA TITAN 2,534,981 01/29/02 USA TRISTAR 2,548,518 03/12/02 USA RAZORVAC 2,604,819 08/06/02 USA CAPSURE 2,628,630 10/01/02 USA COBLATION 2,652,217 11/19/02 USA PERCD 2,659,368 12/10/02 USA PERCD 2,659,368 12/10/02 USA COBLATION & 2,713,113 05/06/03 DESIGN	USA	ARTHROWAND	2,015,685	11/12/96
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USA COBLATION 2,652,217 11/19/02 CHANNELING USA PERCD 2,659,368 12/10/02 USA COBLATION & 2,713,113 05/06/03 DESIGN	USA	RAZORVAC	2,604,819	08/06/02
CHANNELING USA PERCD 2,659,368 12/10/02 USA COBLATION & 2,713,113 05/06/03 DESIGN	USA	CAPSURE	2,628,630	10/01/02
USA PERCD 2,659,368 12/10/02 USA COBLATION & 2,713,113 05/06/03 DESIGN	USA	COBLATION	2,652,217	11/19/02
USA COBLATION & 2,713,113 05/06/03 DESIGN		CHANNELING		
DESIGN	USA	PERCD	2,659,368	12/10/02
	USA	COBLATION &	2,713,113	05/06/03
USA NUCLEOPLASTY 2,735,555 07/08/03		DESIGN		
	USA	NUCLEOPLASTY	2,735,555	07/08/03
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PENDING TRADEMARK APPLICATIONS		PENDING TRADEMA	RK APPLICATIONS	•
COUNTRY TRADEMARK SERIAL NO. FILING DATE	COUNTRY			FILING DATE
USA ACCESS 75/401,634 12/08/97				
USA LOPRO 75/433,844 02/13/98				
USA ANGIOCARE 78/244,456 05/01/03				05/01/03
USA REFLEX 76/233,697 04/02/01				
USA TURBINATOR 75/895,046 01/11/00				
USA DISCATH 78/087,682 10/10/01			-	
USA MICRO TOUCH 78/103,931 01/21/02				
USA SOFT TOUCH 78/103,933 01/21/02				
USA FLEXEVAC 78/165,475 09/18/02				
USA EVAC 78/165,501 09/18/02			* **	
USA TOPAZ 78/116,830 03/22/02				
USA MANTA (AT) 78/240,591 04/22/03			· · · · · · · · · · · · · · · · · · ·	
USA PIRANHA (AT) 78/240,608 04/22/03			•	
USA BELUGA (AT) 78/240,685 04/22/03				
USA BARRACUDA (AT) 78/240,690 04/22/03		* *		

REEL: 002901 FRAME: 0322

USA	MARLIN (AT)	78/240,698	04/22/03
USA	SWORDFISH (AT)	78/240,711	04/22/03
USA	HAMMERHEAD (AT)	78/240,723	04/22/03
USA	TIGER SHARK (AT)	78/240,730	04/22/03
USA	GREAT WHITE (AT)	78/240,738	04/22/03
USA	JAWS (AT)	78/240,743	04/22/03
USA	PATHFINDER (AT)	78/240,986	04/23/03
USA	CAPS LOCK (AT)	78/244,056	04/30/03
USA	A-TECH (AT)	78/245,786	05/03/03
USA	COBRA (AT)	78/245,791	05/03/03
USA	ATLAS	78/243,875	04/30/03
USA	PARAGON	78/243,895	04/30/03
USA	ACD-50	78/243,903	04/30/03
USA	SPINEVAC	78/243,912	04/30/03
USA	MDC	78/243,919	04/30/03
USA	AGGRESSOR	78/243,931	04/30/03
USA	PERC	78/243,937	04/30/03
USA	MULTIVAC	78/244,015	04/30/03
USA	ULTRAVAC	78/244,025	04/30/03
USA	MULTI-ELECTRODE	78/246,166	05/06/03
	TECH.	•	
USA	CAM	76/556,084	10/6/03
USA	CAVITY	78/315,847	10/20/03
	SPINEWAND		
USA	MENIVAC	76/555,509	10/31/03
USA	MICROBLATOR	76/560,757	11/17/03

TRADEMARK APPLICATIONS IN PREPARATION

			FILING	EXPECTED	
COUNTY	TRADEMARK	DOCKET NO.	DATE	SERVICES	PRODUCTS
NONE					. •

ITEM B TRADEMARK LICENSES

COUNTY OR

TERRITORY TRADEMARK LICENSOR LICENSEE DATE DATE

NONE.

REEL: 002901 FRAME: 0323

TRADEMARK SECURITY AGREEMENT

This TRADEMARK SECURITY AGREEMENT (as amended, amended and restated, supplemented and/or otherwise modified from time to time, this "Agreement"), dated as of December 19, 2003, is between ARTHROCARE CORPORATION, a Delaware corporation (the "Grantor"), and WELLS FARGO BANK, NATIONAL ASSOCIATION, AS COLLATERAL AGENT (for the benefit of the Secured Creditors (as hereinafter defined)) ("Collateral Agent").

RECITALS

- A. The Grantor has previously entered into or is in the process of entering into that certain Credit Agreement, dated as of December 19, 2003 (as amended, amended and restated, supplemented and/or otherwise modified from time to time, the "Credit Agreement"), among the Grantor, the financial institutions from time to time parties thereto (collectively, the "Lenders"), Bank of America, N.A., as Administrative Agent, and Wells Fargo, as Documentation Agent and Collateral Agent, pursuant to which the Lenders have agreed, subject to certain terms and conditions, to extend various financial accommodations to the Grantor (the Administrative Agent, the Collateral Agent, the Documentation Agent and the Lenders, together with Affiliates of the Lenders with respect to Swap Contracts referred to below are sometimes hereinafter referred to collectively as the "Secured Creditors" and individually as a "Secured Creditor"). In connection with the transactions contemplated by the Credit Agreement, the Grantor has previously entered into or is in the process of entering into that certain Security Agreement, dated as of December 19, 2003 (as amended, amended and restated, supplemented and/or otherwise modified from time to time, the "Security Agreement"), among the debtors (including the Grantor) named therein and the Collateral Agent.
- B. In addition, the Grantor may from time to time be liable to the Lenders and/or their Affiliates with respect to Swap Contracts (as such term is defined in the Credit Agreement).
- C. As a condition to extending credit to the Grantor under the Credit Agreement, the Secured Creditors have required, among other things, that the Grantor grant to the Collateral Agent for the benefit of the Secured Creditors a lien on and security interest in the personal property and fixtures of the Grantor described herein subject to the terms and conditions hereof.
- D. The Grantor will benefit, directly or indirectly, from the financial accommodations extended by the Secured Creditors to the Grantor.
- E. The Grantor has duly authorized the execution, delivery and performance of this Agreement.

NOW THEREFORE, for good and valuable consideration (the receipt and sufficiency of which are hereby acknowledged), and in order to induce the Lenders to make Loans (including the initial Loans) to the Grantor pursuant to the Credit Agreement, and to induce Secured Creditors to enter into Swap Contracts, the Grantor agrees, for the benefit of each Secured Creditor, as follows.

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- Section 1. Definitions. Unless the context otherwise requires, each capitalized term used but not otherwise defined herein has the meaning ascribed thereto or otherwise provided for in the Security Agreement.
- Section 2. Grant of Security Interest. For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, to secure all of the Secured Obligations, the Grantor does hereby mortgage, pledge and hypothecate to the Collateral Agent (for the benefit of the Secured Creditors), and grant to the Collateral Agent (for the benefit of the Secured Creditors), all of the following property (the "Trademark Collateral"), whether now owned or hereafter acquired or existing by it:
 - (a) all trademarks, trade names, corporate names, company names, business names, fictitious business names, trade styles, service marks, certification marks, collective marks, logos, other source of business identifiers, prints and labels on which any of the foregoing have appeared or appear, designs and general intangibles of a like nature (all of the foregoing items in this clause (a) being collectively called a "Trademark"), now existing anywhere in the world or hereafter adopted or acquired, whether currently in use or not, all registrations and recordings thereof and all applications in connection therewith, whether pending or in preparation for filing, including registrations, recordings and applications in the United States Patent and Trademark Office or in any office or agency of the United States of America or any State thereof or any foreign country, including those referred to in Item A of Attachment 1 attached hereto;
 - (b) all Trademark licenses, including each Trademark license referred to in Item B of Attachment 1 attached hereto;
 - (c) all reissues, extensions or renewals of any of the items described in clauses (a) and (b);
 - (d) all of the goodwill of the business connected with the use of, and symbolized by the items described in, clauses (a) and (b); and
 - (e) all proceeds of, and rights associated with, the foregoing, including any claim by the Grantor against third parties for past, present or future infringement or dilution of any Trademark, Trademark registration or Trademark license, including any Trademark, Trademark registration or Trademark license referred to in Item A and Item B of Attachment 1 attached hereto, or for any injury to the goodwill associated with the use of any such Trademark or for breach or enforcement of any Trademark license.
- Section 3. Security Agreement. This Agreement has been executed and delivered by the Grantor for the purpose of registering the security interest of the Collateral Agent in the Trademark Collateral with the United States Patent and Trademark Office and corresponding offices in other countries of the world. The security interest granted hereby has been granted as a supplement to, and not in limitation of, the security interest granted to the Collateral Agent for its benefit and the benefit of each Secured Creditor under the Security Agreement. The Security Agreement (and all rights and remedies of the Collateral Agent and each Secured Creditor thereunder) shall remain in full force and effect in accordance with its terms.

- Section 4. Release of Security Interest. Upon payment in full in cash of all Secured Obligations and the termination of the Aggregate Commitments, the Collateral Agent shall, at the Grantor's expense, execute and deliver to the Grantor all instruments and other documents as may be necessary or proper to release the lien on and security interest in the Trademark Collateral which has been granted hereunder.
- Section 5. Acknowledgment. The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Collateral Agent with respect to the security interest in the Trademark Collateral granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein.
- Section 6. Loan Document. This Agreement is a Loan Document executed pursuant to the Credit Agreement and shall (unless otherwise expressly indicated herein) be construed, administered and applied in accordance with the terms and provisions of the Credit Agreement.
- Section 7. Counterparts. This Agreement may be executed by the parties hereto in several counterparts, each of which shall be deemed to be an original and all of which shall constitute together but one and the same agreement. The Grantor acknowledges that this Agreement is and shall be effective upon its execution and delivery by the Grantor to the Collateral Agent, and it shall not be necessary for the Collateral Agent to execute this Agreement or any other acceptance hereof or otherwise to signify or express its acceptance hereof.
- Section 8. GOVERNING LAW. THIS AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF CALIFORNIA APPLICABLE TO AGREEMENTS MADE AND TO BE PERFORMED ENTIRELY WITHIN SUCH STATE; PROVIDED THAT THE COLLATERAL AGENT SHALL RETAIN ALL RIGHTS ARISING UNDER FEDERAL LAW.
- Section 9. JURISDICTION. ANY LEGAL ACTION OR PROCEEDING WITH RESPECT TO THIS AGREEMENT MAY BE BROUGHT IN THE COURTS OF THE STATE OF CALIFORNIA SITTING IN THE CITY AND COUNTY OF SAN FRANCISCO, CALIFORNIA OR OF THE UNITED STATES FOR THE NORTHERN DISTRICT OF SUCH STATE, AND, BY EXECUTION AND DELIVERY OF THIS AGREEMENT, EACH OF THE GRANTOR AND THE COLLATERAL AGENT CONSENTS, FOR ITSELF AND IN RESPECT OF ITS PROPERTY, TO THE NON-EXCLUSIVE JURISDICTION OF THOSE COURTS. EACH OF THE GRANTOR AND THE COLLATERAL AGENT IRREVOCABLY WAIVES ANY OBJECTION, INCLUDING ANY OBJECTION TO THE LAYING OF VENUE OR BASED ON THE GROUNDS OF FORUM NON CONVENIENS, WHICH IT MAY NOW OR HEREAFTER HAVE TO THE BRINGING OF ANY ACTION OR PROCEEDING IN SUCH JURISDICTION IN RESPECT OF THIS AGREEMENT OR ANY OTHER DOCUMENT RELATED HERETO. EACH OF THE GRANTOR AND THE COLLATERAL AGENT WAIVES PERSONAL SERVICE OF ANY SUMMONS, COMPLAINT OR OTHER PROCESS, WHICH MAY BE MADE BY ANY OTHER MEANS PERMITTED BY THE LAW OF SUCH STATE.

Section 10. WAIVER OF JURY TRIAL. EACH OF THE GRANTOR AND COLLATERAL AGENT HEREBY EXPRESSLY WAIVES ANY RIGHT TO TRIAL BY JURY OF ANY CLAIM,

DEMAND, ACTION OR CAUSE OF ACTION ARISING UNDER ANY LOAN DOCUMENT OR IN ANY WAY CONNECTED WITH OR RELATED OR INCIDENTAL TO THE DEALINGS OF THE PARTIES HERETO OR ANY OF THEM WITH RESPECT TO THIS AGREEMENT OR ANY OTHER DOCUMENT RELATING HERETO, OR THE TRANSACTIONS RELATED THERETO, IN EACH CASE WHETHER NOW EXISTING OR HEREAFTER ARISING, AND WHETHER FOUNDED IN CONTRACT OR TORT OR OTHERWISE; AND EACH PARTY HEREBY AGREES AND CONSENTS THAT ANY SUCH CLAIM, DEMAND, ACTION OR CAUSE OF ACTION SHALL BE DECIDED BY COURT TRIAL WITHOUT A JURY, AND THAT ANY PARTY TO THIS AGREEMENT MAY FILE AN ORIGINAL COUNTERPART OR A COPY OF THIS SECTION WITH ANY COURT AS WRITTEN EVIDENCE OF THE CONSENT OF THE SIGNATORIES HERETO TO THE WAIVER OF THEIR RIGHT TO TRIAL BY JURY.

Section 11. Patriot Act. The Collateral Agent (for itself and not on behalf of any other Person, including any Secured Creditor) hereby notifies the Grantor that, pursuant to the requirements of the Patriot Act, it is required to obtain, verify and record information that identifies the Grantor, which information includes the name and address of the Grantor and other information that will allow the Collateral Agent to identify the Grantor in accordance with the Patriot Act.

Section 12. Time of the Essence. Time is of the essence of this Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first written above.

ARTHROCARE CORPORATION, A DELAWARE CORPORATION

By Saud

Name: Fernando Sanchez
Title: Chief Financial Officer

WELLS FARGO BANK, NATIONAL ASSOCIATION, AS COLLATERAL AGENT

Ву		 		
Name:				
Title:				

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first written above.

ARTHROCARE CORPORATION, A DELAWARE CORPORATION

Ву	
Name:	
Title:	
WELLS FA	RGO BANK, NATIONAL ASSOCIATION,
AS COL	LATERAL AGENT
	1
_ 5	Mrs.
By	/// /////////////////////////////////
Name:	Eric Houser
Title:	Vice President

ATTACHMENT I TO TRADEMARK SECURITY AGREEMENT

ITEM A. TRADEMARKS

REGISTERED TRADEMARKS

COUNTRY	Trademark	REGISTRATION NO.	REGISTRATION DATE
USA	ARTHROWAND	2,015,685	11/12/96
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USA	COBLATION	2,279,941	09/21/99
USA	ENTec	2,307,874	01/11/00
USA	VISAGE	2,258,117	06/29/99
USA	COVAC	2,386,100	09/12/00
USA	TURBOVAC	2,440,547	04/03/01
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USA	COBLATOR	2,482,849	08/28/01
USA	HUMMINGBIRD	2,492,972	09/25/01
USA	VERSITOR	2,508,009	11/13/01
USA	TITAN	2,534,981	01/29/02
USA	TRISTAR	2,548,518	03/12/02
USA	RAZORVAC	2,604,819	08/06/02
USA	CAPSURE	2,628,630	10/01/02
USA	COBLATION	2,652,217	11/19/02
	CHANNELING		
USA	PERCD	2,659,368	12/10/02
USA	COBLATION &	2,713,113	05/06/03
	DESIGN		
USA	NUCLEOPLASTY	2,735,555	07/08/03

COUNTRY	TRADEMARK	SERIAL NO.	FILING DATE
USA	ACCESS	75/401,634	12/08/97
USA	LOPRO	75/433,844	02/13/98
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USA	TURBINATOR	75/895,046	01/11/00
USA	DISCATH	78/087,682	10/10/01
USA	MICRO TOUCH	78/103,931	01/21/02
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USA	EVAC	78/165,501	09/18/02
USA	TOPAZ	78/116,830	03/22/02
USA	MANTA (AT)	78/240,591	04/22/03
USA	PIRANHA (AT)	78/240,608	04/22/03
USA	BELUGA (AT)	78/240,685	04/22/03
USA	BARRACUDA (AT)	78/240,690	04/22/03

USA	MARLIN (AT)	78/240,698	04/22/03
USA	SWORDFISH (AT)	78/240,711	04/22/03
USA	HAMMERHEAD (AT)	78/240,723	04/22/03
USA	TIGER SHARK (AT)	78/240,730	04/22/03
USA	GREAT WHITE (AT)	78/240,738	04/22/03
USA	JAWS (AT)	78/240,743	04/22/03
USA	PATHFINDER (AT)	78/240,986	04/23/03
USA	CAPS LOCK (AT)	78/244,056	04/30/03
USA	A-TECH (AT)	78/245,786	05/03/03
USA	COBRA (AT)	78/245,791	05/03/03
USA	ATLAS	78/243,875	04/30/03
USA	PARAGON	78/243,895	04/30/03
USA	ACD-50	78/243,903	04/30/03
USA	SPINEVAC	78/243,912	04/30/03
USA	MDC	78/243,919	04/30/03
USA	AGGRESSOR	78/243,931	04/30/03
USA	PERC	78/243,937	04/30/03
USA	MULTIVAC	78/244,015	04/30/03
USA	ULTRAVAC	78/244,025	04/30/03
USA	MULTI-ELECTRODE	78/246,166	05/06/03
	TECH.		
USA	CAM	76/556,084	10/6/03
USA	CAVITY	78/315,847	10/20/03
	SPINEWAND		
USA	MENIVAC	76/555,509	10/31/03
USA	MICROBLATOR	76/560,757	11/17/03

TRADEMARK APPLICATIONS IN PREPARATION

			FILING	EXPECTED	
COUNTY	TRADEMARK	DOCKET NO.	DATE	SERVICES	PRODUCTS

NONE.

ITEM B TRADEMARK LICENSES

COUNTY OR
TERRITORY TRADEMARK LICENSOR LICENSEE DATE DATE
NONE.

EFFECTIVE EXPIRATION
DATE

TRADEMARK
RECORDED: 01/23/2004 REEL: 002901 FRAME: 0331