ORIGINAL DOCUMENTS OR COPY THEREOF.

Additional name(s) of conveying party(ies) attached?

Name of conveying parties:

Lars Boeryd

Jaime B. Colley

(a)

(b)

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMAR

ATTOR

cPherson	408-392-9262) •	T-033	P002/006 F-058
	ATTOR	NEY DOCK	ET NO	: M-15628 US
			U.S.	DEPARTMENT OF COMMERCI
RECORDATION FORM			PATENT,	AND TRADEMARK OFFICE
PATENT	rs only			
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HE UNITED STATES PATENT EREOF.	AND TRADEMARK	OFFICE. PLEASE	E KECOKU	THE ATTACHED
	2. Name and add	dress of receiving p	earty:	
	Name: SiRF Ted	chnology, Inc.		
	Street Address:	148 E. Brokaw Ro	oad	
) attached?	City: San Jose		State:	California
	Country: USA			
☐ Yes 🖾 No	Additional name(s) of receiving party(les) attached?			
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59,288	B. Patent No	.(s)		
Augmenting A Satellite-Based				
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Additional numb	bers attached?	Yes	\boxtimes	No
orrespondence d:	6. Total number o	of applications and	patents inv	rolved; <u>One</u>
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OK CHEN & HEID LLP	:			
re, Suite 226	7. Total fee (37 C	 FR 3.41):	\$40.00	
Zip <u>95110</u>		-		
•	Authoriz	zed to be charged t	to Deposit A	Account 50-2257,

⊠ Nο Yes 3. Nature of Conveyance: Assignment Merger Security Agreement Change of Name Other October 1, 2004; October 4, 2004 Execution Date: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of Patent Application No.(s) - 10/959,288 B. Patent N Title: System and Method for Augmenting A Satellite-Based Navigation Solution Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number concerning document should be mailed: Name: Edward C. Kwok MACPHERSON, KWOK CHEN & HEID LLP Internal Address: Street Address: 1762 Technology Drive, Suite 226 7. Total fee (37 City San Jose State <u>CA</u> Zip <u>95110</u> M Author Charge Deposit Account 50-2257 for any additional fees required for this conveyance and credit deposit account 50-2257 any amounts overpaid DO NOT USE THIS SPACE 8. Statement and signature. 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. Edward C. Kwok, Reg. No. 33,938 Name of Person Signing Signature

PATENT REEL: 017642 FRAME: 0107

Total number of pages comprising cover sheet: 5

ASSIGNMENT

SiRF Technology, Inc. Case No. SiRF. 86-US-U1

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS,

1. Jaime B. Colley

2. Lars Boeryd

hereby sell, assign and transfer to ASSIGNEE, SiRF Technology, Inc., a Delaware Corporation, having its offices located at 148 East Brokaw Road, San Jose, California 95112, and the successors, assigns and logal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries in and to the invention disclosed in an application for United States Letters Patent, entitled

A System and Method for Augmenting a Satellite-Based Navigation Solution

and which claims priority from

U.S. provisional patent application Serial No. 60/509,163 filed on 10/06/2003, and U.S. provisional patent application Serial No. 60/509,186 filed on 10/06/2003

and listing the above named persons as inventors and any legal equivalent thereof in the United States and in any foreign country, in and to said invention and to any and all original, conversion, continuation, division, continuation-in-part, application claiming benefit of filing date, reissue, reexamination or extension thereof including any substitute thereof, and in and to any and all Letters Patent to be obtained for said invention thereof, and to any and all rights to claim priority thereof, and to any and all rights under all International Conventions for the Protection of Intellectual Property thereof;

<u>ASSIGNORS</u> hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNORS will not execute any writing or do any act whatsoever conflicting with this assignment;

ASSIGNORS further covenant that ASSIGNORS are the sole inventors of this invention;

ASSIGNORS further covenant that ASSIGNORS will upon ASSIGNEE's request, execute such additional assignments and other writings and do such additional acts as said ASSIGNEE may doem necessary or desirable to perfect the ASSIGNEE's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, conversions, applications claiming benefit of filing date, continuations, continuations-in-part, reexamined, reissued or extended Letters of Patent of the United States or of any foreign countries on said invention, and in claiming priority thereof, and in enforcing any rights or choses of action accruing as a result of such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignors and assignee;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this

Assignment SiRF Technology, Inc. Case No. 86-US-U1 Page 1 of 2

> PATENT REEL: 017642 FRAME: 0108

assignment to insert into this assignment the filing date and social number of said application when officially known;

AND the ASSIGNORS request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, SIRF Technology, Inc.

executed this

Signature of Inventors

4th day of October 2004

Jaime B. Colley

_____, day of ______, 2004

Lars Boeryd

Assignment SiRF Technology, Inc. Case No. 86-US-U1 Page 2 of 2

ASSIGNMENT

SiRF Technology, Inc. Case No. SiRF. 86-US-U1

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS,

1. Jaime B. Colley

Lars Boeryd

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A System and Method for Augmenting a Satellite-Based Navigation Solution

and which claims priority from

U.S. provisional patent application Serial No. 60/509,163 filed on 10/06/2003, and U.S. provisional patent application Serial No. 60/509,186 filed on 10/06/2003

and listing the above named persons as inventors and any legal equivalent thereof in the United States and in any foreign country, in and to said invention and to any and all original, conversion, continuation, division, continuation-in-part, application claiming benefit of filing date, reissue, reexamination or extension thereof including any substitute thereof, and in and to any and all Letters Patent to be obtained for said invention thereof, and to any and all rights to claim priority thereof, and to any and all rights under all International Conventions for the Protection of Intellectual Property thereof;

<u>ASSIGNORS</u> hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

<u>ASSIGNORS</u> further covenant that ASSIGNORS will not execute any writing or do any act whatsoever conflicting with this assignment;

ASSIGNORS further covenant that ASSIGNORS are the sole inventors of this invention;

ASSIGNORS further covenant that ASSIGNORS will upon ASSIGNEE's request, execute such additional assignments and other writings and do such additional acts as said ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, conversions, applications claiming benefit of filing date, continuations, continuations-in-part, reexamined, reissued or extended Letters of Patent of the United States or of any foreign countries on said invention, and in claiming priority thereof, and in enforcing any rights or choses of action accruing as a result of such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignors and assignee;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this

Assignment SiRF Technology, Inc. Case No. 86-US-U1 Page 1 of 2

> PATENT REEL: 017642 FRAME: 0110

assignment to insert into this assignment the filing date and serial number of said application when officially known;

<u>AND the ASSIGNORS</u> request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, SiRF Technology, Inc.

executed this

Signature of Inventors

_____ day of ______, 2004

Jaime B. Colley

1st day of October, 2004

Lars Boeryd

Assignment SiRF Technology, Inc. Case No. 86-US-U1 Page 2 of 2