

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Paul Underbrink		10/10/2008
RECEIVING PARTY DATA		
Name:	SiRF Technology, Inc.	
Street Address:	217 Devcon Drive	
City:	San Jose	
State/Country:	CALIFORNIA	
Postal Code:	95112-4211	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12091798	
CORRESPONDENCE DATA		
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Address Line 4:	Granada Hills, CALIFORNIA 91344	
ATTORNEY DOCKET NUMBER:	ST02042USU3	
NAME OF SUBMITTER:	Jeffrey C. Wilk	
Total Attachments: 2 source=ST02042USU3 Executed Confirmatory Assignment -- Paul Underbrink#page1.tif source=ST02042USU3 Executed Confirmatory Assignment -- Paul Underbrink#page2.tif		

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**PATENT**  
**REEL: 021742 FRAME: 0650**

**CONFIRMATORY ASSIGNMENT**

This Confirmatory Assignment ("Assignment") shall be effective as of October 28, 2006 ("Effective Date") by and between:

Gengsheng ZHANG, residing at 10540 Red Fir Ct., Cupertino, CA 95014, U.S.A.;

Qingwen ZHANG, residing at 27 Milazzo, Irvine, CA 92620, U.S.A.; and

Paul UNDERBRINK, residing at 25212 Calle del Lago, Lake Forest, CA 92630, U.S.A.; ("ASSIGNORS"), and

SiRF Technology, Inc., a corporation of the State of Delaware, having a principal place of business at 217 Devcon Drive, San Jose, CA 95112-4211 ("SiRF").

**1.0 Background**

1.1 ASSIGNORS, through their employment with SiRF, as either employees or contractors, as the case may be, invented certain new and useful improvements as described and set forth in an application for Letters Patent of the United States titled "GLOBAL POSITIONING SYSTEM RECEIVER TIMELINE MANAGEMENT", U.S. Patent Application Serial No. 12/091,798, U.S. National Stage Entry of International Application Serial No. PCT/US2006/042242 filed on October 28, 2006. The subject matter of their patent application shall be referred to as the "Invention."

1.2 SiRF, as employer of ASSIGNORS, owns all right, title and interest in and to the Invention. ASSIGNORS, as consideration for their employment with SiRF, agreed to execute all the necessary documents in order to perfect and confirm SiRF's ownership in any inventions created or developed by ASSIGNORS during their employment with SiRF.

1.3 For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS are executing this Assignment in order to confirm SiRF's ownership in and to formally transfer to SiRF all right, title and interest in and to the Invention and all Letters Patent which may be granted from the Invention in the United States or any foreign country.

**2.0 Assignment**

2.1 ASSIGNORS sell, assign and transfer to SiRF, effective as of the Effective Date first set forth above, the full and exclusive right, title and interest in and to the Invention and all Letters Patent which may be granted from the Invention in the United States, including any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the patents may be granted.

2.2 ASSIGNORS also assign all of their right, title and interest in and to the Invention in all foreign countries, including the right to apply for a patent in any foreign country and the

right to all current and further applications for patents for the Invention, including the right to claim International Convention priority.

2.3 ASSIGNORS further transfer and assign to SiRF all causes of action, rights, and remedies arising under any such patent or application prior to or after the Effective Date of their Agreement.

2.4 ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with their assignment and sale.

2.5 ASSIGNORS further covenant that, upon SiRF's request, ASSIGNORS will promptly provide SiRF with all pertinent facts and documents relating to the Invention, and patents or patent applications as may be known and accessible to ASSIGNORS and ASSIGNORS will testify as to the same in any interference or litigation related to the Invention or any patent or patent application related thereto and will promptly execute and deliver to SiRF or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce the Invention and any patents or patent applications relating to the Invention as may be reasonably necessary or desirable.

The terms, covenants and provisions of their Assignment shall inure to the benefit of SiRF, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNORS, their heirs, legal representatives and assignees.

\_\_\_\_\_  
Date

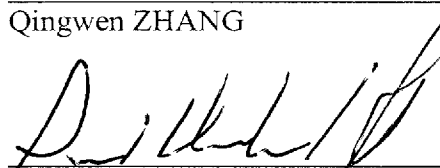
\_\_\_\_\_  
Gengsheng ZHANG

\_\_\_\_\_  
Date

\_\_\_\_\_  
Qingwen ZHANG

10 October 2008

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Paul UNDERBRINK