

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)Mahesh CHOWDHARY, Manish SHARMA, Arun KUMAR,
Anuraag GUPTA, and Prateek AGRAWALAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**2. Name and address of receiving party(ies)**

Name: SIRF Technology Holdings, Inc.

Address: 217 Devcon Drive
San Jose, CA 95112Additional name(s) & address(es) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 7-20-11; 7-21-11; 7-22-11; 7-29-11

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

4. Application or patent number(s):☐ This document is being filed together with a new application.A. Patent Application No.(s)
13/115,940

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ NO**5. Name and address to whom correspondence concerning document should be mailed:**Name: Intellectual Property GroupAddress: P.O. Box 10500City: McLeanState: VA Zip: 22102Phone Number: (650) 233-4777Fax Number: (703) 770-7901Email Address: mark.danielson@pillsburylaw.com**9. Signature:**Mark J. Danielson

Name of Person Signing

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information (079280-0392414/SRF-397)b. Deposit Account Number 03-3975Authorized User Name Pillsbury Winthrop et al.August 2, 2011

Date

Total number of pages including cover sheet, attachments, and document:

13

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Assignment for Application for Patent
Serial No. 13/115,940

Executed by Mahesh CHOWDHARY

Attorney Docket No.: 079280-0392414 (SRF-397)

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Mahesh CHOWDHARY 3282 Brittany Court San Jose, California 95135 USA CITIZENSHIP: US	2)	Manish SHARMA 307, Sector 28 Noida, UP, India 201303 CITIZENSHIP: IN
3)	Arun KUMAR 43, Vaishali Apts., IIT Delhi Hauz Khas New Delhi, DL, India 110016 CITIZENSHIP: IN	4)	Anuraag GUPTA M-2/10, First Floor, Model Town-3 New Delhi, DL, India 110009 CITIZENSHIP: IN
5)	Prateek AGRAWAL E-4/4, DEAL Colony, Raipur Road Dehradun, UA, India 248001 CITIZENSHIP: IN		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

HIERARCHICAL CONTEXT DETECTION METHOD TO DETERMINE LOCATION OF A MOBILE DEVICE ON A PERSON'S BODY

for which application for Letters Patent in the United States was filed on **May 25, 2011**
as **U.S. Application No. 13/115,940**; and

WHEREAS, **SiRF Technology Holdings, Inc.**, a corporation, having a mailing address of **217 Devcon Drive, San Jose, California 95112** (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right,

Attorney Docket No.: 079280-0392414 (SRF-397)

title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) Mahesh Chowdhary
Mahesh CHOWDHARY

21 July 2011
Date

2) _____
Manish SHARMA

Date

3) _____
Arun KUMAR

Date

4) _____
Anuraag GUPTA

Date

5) _____
Prateek AGRAWAL

Date

**Assignment for Application for Patent
Serial No. 13/115,940**

Executed by Manish SHARMA and Arun KUMAR

Attorney Docket No.: 079280-0392414 (SRF-397)

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Mahesh CHOWDHARY 3282 Brittany Court San Jose, California 95135 USA CITIZENSHIP: US	2)	Manish SHARMA 307, Sector 28 Noida, UP, India 201303 CITIZENSHIP: IN
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
WHEREAS, **SIRF Technology Holdings, Inc.**, a corporation, having a mailing address of **217 Davcon Drive, San Jose, California 95112** (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.


NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right,

703167016v1

1 of 2


20 Jul 2011


22nd July 2011

Attorney Docket No.: 079280-0392414 (SRF-397)

title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

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IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) _____
Mahesh CHOWDHARY

Date

2) _____
Manish SHARMA

Date 20 July 2011

3) _____
Arun KUMAR

Date 22nd July 2011

4) _____
Anuraag GUPTA

Date

5) _____
Prateek AGRAWAL

Date

Assignment for Application for Patent
Serial No. 13/115,940

Executed by Anuraag GUPTA

Attorney Docket No.: 079280-0392414 (SRF-397)

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Maresh CHOWDHARY 3282 Brittany Court San Jose, California 95135 USA CITIZENSHIP: US	2)	Manish SHARMA 307, Sector 28 Noida, UP, India 201303 CITIZENSHIP: IN
3)	Arun KUMAR 43, Vaishali Apts., IIT Delhi Hauz Khas New Delhi, DL, India 110016 CITIZENSHIP: IN	4)	Anuraag GUPTA M-2/10, First Floor, Model Town-3 New Delhi, DL, India 110009 CITIZENSHIP: IN
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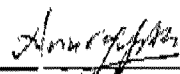
title and interest (a) in and to said Application and said Invention, (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every re-issue or extension of any of said Patents.

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1) _____ Mahesh CHOWDHARY	_____ Date
2) _____ Manish SHARMA	_____ Date
3) _____ Arun KUMAR	_____ Date
4)  _____ Anuraag GUPTA	_____ Date 07/29/11
5) _____ Prateek AGRAWAL	_____ Date

Assignment for Application for Patent
Serial No. 13/115,940

Executed by Prateek AGRAWAL

Attorney Docket No.: 079280-0392414 (SRF-397)

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Mahesh CHOWDHARY 3282 Brittany Court San Jose, California 95135 USA CITIZENSHIP: US	2)	Manish SHARMA 307, Sector 28 Noida, UP, India 201303 CITIZENSHIP: IN
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3)	Arun KUMAR	Date
4)	Anuraag GUPTA	Date
5)	<u>Prateek</u> Prateek AGRAWAL	July 20, 2011 Date