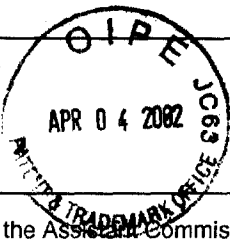


04-10-2002



REI



102049388

orney Docket No.: SiRF.130USU1 (83386.0059)

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Charles P. NORMAN
Charles R. CAHN

2. Name and address of receiving party(ies):

SiRF Technology, Inc.
148 East Brokaw Road
San Jose, CA 95112

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: March 19, 2002 and March 21, 2002

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): 10/036,788

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Anthony J. Orler, Esq.
HOGAN & HARTSON L.L.P.
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-1314

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Anthony J. Orler

Date: March 25, 2002

OMB No. 0651-0011 (exp. 4/94)

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

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

04/09/2002 TBIAZ1 00000238 10036788

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40.00 OP

ASSIGNMENT

SiRF Technology, Inc. Case No. SiRF.130USU1

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Charles P. Norman

2. Charles R. Cahn

hereby sells, assigns and transfers 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 legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

PHASE SAMPLING TECHNIQUES USING AMPLITUDE BITS FOR DIGITAL RECEIVERS

and which is found in

 X U.S. nonprovisional application filed on December 21, 2001 having Serial No. 10/036,788 and listing the above named persons as inventors,

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;


ASSIGNOR(S) further covenants 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 ASSIGNOR 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 and all 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 to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests 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

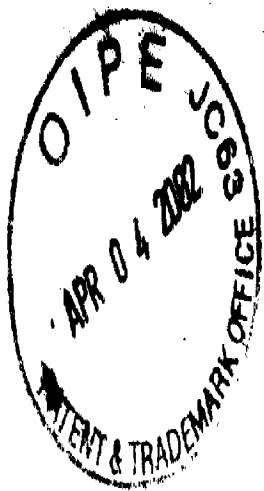
Signature of Inventor(s)

21 day of March, 2002


Charles P. Norman

19 day of March, 2002


Charles R. Cahn



S.N. 10/036,788 File No. SiRF.130USU1/83386.0059 Date Mailed 03/25/02 By: AJO/rm

Title: PHASE SAMPLING TECHNIQUES USING AMPLITUDE BITS...

(Client Name) SiRF Technology, Inc.

The Following, due 04/25/02 in the U.S. Patent & Trademark Office was received in the Patent & Trademark Office on the date stamped hereon:

- Response To Notice To File Missing Parts Of Application
- copy of Notice To File Missing Parts Of Nonprovisional Application
- Combined Declaration And Power Of Attorney
- Check No. 13802 for \$ 65.00 for Missing Part Filing Fee
- Enclosed is an Assignment and Recordation Cover Sheet with \$40.00 check, No. 13801 in a separate envelope *addressed to Box Assignment*

#131290 v1 - pcd83386.0059

Check No. _____ for \$ _____
