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1. Name of conveying party(ies)/Execution Date(s):

Deepak Ayyagari
Wai-Chung Chan

Execution Date(s) March 7, 2005

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

2. Name and address of receiving party(ies)

Name: Sharp Laboratories of America, Inc.

Internal Address: _____

Street Address: 5750 NW Pacific Rim Blvd.

City: Camas

State: WA

Country: US Zip: 98607

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- 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)

B. Patent No.(s)

03/29/2005 TBESHAH1 00000023 11089759
05 FC:8001 40.00 GP

Additional numbers attached? Yes No

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

Name: Scott C. Krieger, Esq.

Internal Address: Chernoff Vilhauer McClung
& Stenzel LLP

Street Address: 601 SW 2nd Ave., Suite 1600

City: Portland

State: OR Zip: 97204

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6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
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b. Deposit Account Number 00152

Authorized User Name Chernoff Vilhauer McClung

9. Signature:

March 23, 2005

Date

Scott C. Krieger

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REFL: 016425 FRAME: 0650

ASSIGNMENT

WHEREAS, we, Deepak Ayyagari, whose address is 12800 NE 4th Street, #132, Vancouver, Washington 98684, and Wai-Chung Chang, whose address is 16900 SE 2th Drive, #D29, Vancouver, Washington 98673, are the inventors of an invention entitled:

METHODS AND SYSTEMS FOR FREQUENCY AND TIME DIVISION ACCESS

for which we agree to execute an application for United States letters patent, and any foreign or international patent applications desired by Assignee listed herein;


NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other valuable consideration paid to us by Sharp Laboratories of America, Inc. (Assignee), a Washington corporation, whose business address is 5750 NW Pacific Rim Boulevard, Camas, Washington 98607, the receipt whereof is acknowledged, we do hereby assign unto the same Sharp Laboratories of America, Inc., the entire interest in said invention for the United States and all foreign countries and any letters patent to be issued therefor in the United States or any foreign country and any divisions, continuations, continuations-in-part, improvements, reissues or extensions that may be made or granted thereon.

AND the Commissioner of Patents and Trademarks is requested to issue such letters patent in accordance herewith. And we agree to execute further instruments proper for effectuating the premises.

Dated: 3/7/05


Deepak Ayyagari

Dated: March 7, 2005


Wai-Chung Chan

Attorney Docket No. SCK7146.0206/SLA1484