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To the Honorable Commissioner of Patents and Trademarks.

Please record the attached original documents or copy thereof.

1. Name of conveying party

Sachin G. Deshpande

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

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: Sachin G. Deshpande 6/15/2000

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

Name: Sharp Laboratories of America, Inc.Street Address: 5750 NW Pacific Rim BlvdCity Camas State WA ZIP 98607

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

09/596515

If this document is being filed together with a new application, the execution date of PRIORITIZED OPTIMAL SERVER SIDE
 BANDWIDTH ALLOCATION IN A MULTIMEDIA SESSION WITH PUSH AND PULL SOURCES is: June 19, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom
correspondence concerning document
should be mailed:

Name: Timothy A. Long
 Address: Chemoff, Vilhauer et al.
601 SW Second Ave., Suite 1600
Portland, OR 97204

6. Total number of applications and
patents involved: [1]7. Total fee (37 CFR 3.41 and 1.21(h))--\$ 40

☒ Enclosed
☐ Authorized to be charged to deposit account
☒ Any deficiencies in enclosed fees authorized
 to be charged to deposit account

8. Deposit Account No. 03-1550
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9. 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.

Timothy A. Long

Name of Person Signing

Signature

June 19, 2000

Date

Total number of pages comprising cover sheet, attachments, and document [2]

7146.076

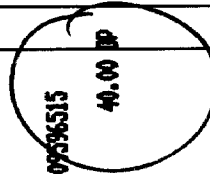
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PATENT
 REEL: 010887 FRAME: 0719

ASSIGNMENT

WHEREAS, I, Sachin G. Deshpande, residing at 16900 S.E. 26th Dr., #T-131, Vancouver, Washington 98683, have invented a PRIORITIZED OPTIMAL SERVER SIDE BANDWIDTH ALLOCATION IN A MULTIMEDIA SESSION WITH PUSH AND PULL SOURCES for which on even date herewith I executed an application for United States letters patent;

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other valuable consideration paid to me by Sharp Laboratories of America, Inc., a Washington corporation, having an address at 5750 N.W. Pacific Rim Blvd., Camas, Washington 98607, the receipt whereof is acknowledged, I do hereby assign unto said 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 I agree to execute further instruments proper for effectuating the premises.

Dated this 15 day of June, 2000.



SACHIN G. DESHPANDE