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1. Name of conveying party(ies):

Qian, Richard
Haering, Niels

7-1-99

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 BoulevardCity Camas State WA ZIP 98607Additional name(s) & address(es) attached?
☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Date: June 30, 19994. Application number(s) or patent number(s): (filed concurrently herewith)
METHOD FOR AUTOMATIC EXTRACTION OF SEMANTIC EVENTS FROM VIDEOIf this document is being filed together with a new application, the execution date of the
application is: June 30, 1999

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: Kevin L. Russell
Internal Address: _____
Chernoff, Vilhauer, McClung &
Stenzel, LLP
Street Address: 600 Benj. Franklin
Plaza, One Southwest Columbia
City Portland State OR Zip 972586. Total number of applications and
patents involved: [1]7. Total fee (37 CFR 3.41 and 1.21(h))---\$ 40.00
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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.Kevin L. Russell

Signature

June 30, 1999

Date

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PATENT

REEL: 010077 FRAME: 0320

ASSIGNMENT

WHEREAS, we, Richard Qian and Niels Haering, whose addresses are 2844 N.W. 44th Avenue, Camas Washington, 98607 and 2904 Arcata Lane, Orlando Florida, 32817; respectively, are the inventors of an invention entitled METHOD FOR AUTOMATIC EXTRACTION OF SEMANTIC EVENTS FROM VIDEO, for which on an even date herewith we executed an application for United States letters patent;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration paid to us by Sharp Laboratories of America, Inc., 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 inventions 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: 6/20/99

Richard J. Qian
Richard Qian

Dated: 6/28/99

Niels Haering
Niels Haering