

02-23-1999



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PATENTS ONLY  
Attorney's Do. No. 8371-22

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*MEJ*  
*2-8-99*

In re patent application of: Bryan Severt Hallberg  
Serial No.: (filed herewith)  
Filed: (filed herewith)  
For: IMAGE DOWNSAMPLING USING REDUNDANT PIXEL REMOVAL



Box Assignments  
Commissioner of Patents  
and Trademarks  
Washington, DC 20231

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

- 1. Name of parties conveying an interest: Bryan Severt Hallberg
- 2. Name and address of party receiving an interest: Sharp Laboratories of America, Inc.  
5750 N.W. Pacific Rim Boulevard  
Camas, Washington 98607

3. Description of the interest conveyed:  
X Assignment \_\_\_ Change of Name \_\_\_ Security Agreement \_\_\_ Merger

Other:

Date of execution of attached document: February 5, 1999

4. Application number(s) or patent number(s). Additional sheet attached? Yes \_\_\_ No \_\_\_

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

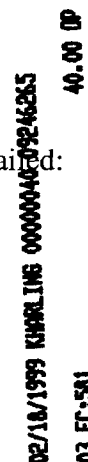
February 5, 1999

A. Patent Application No.

B. Patent No.

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

Stephen S. Ford  
MARGER JOHNSON & McCOLLOM, P.C.  
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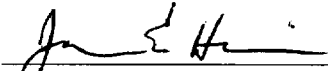


6. Number of applications and patents involved: one
7. Enclosed is our check for \$40.00
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: February 8, 1999

Respectfully submitted,

MARGER JOHNSON  
& McCOLLOM, P.C.

  
James E. Harris  
Registration No. 40,013

Total number of pages comprising  
cover sheet and attached assignment: 3

I hereby certify that this correspondence is being  
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on February 8, 1999.

Signature   
Joanna Mosser

**ASSIGNMENT**

**Assignor:** Bryan Severt Hallberg

**Address:** 7519 N.E. 152<sup>nd</sup> Court  
Vancouver, Washington 98682

**Assignee:** Sharp Laboratories of America, Inc.

**Address:** 5750 N.W. Pacific Rim Boulevard  
Camas, Washington 98607

**Title of  
Invention:** **IMAGE DOWNSAMPLING USING REDUNDANT PIXEL REMOVAL**

U.S. Patent Application:

**Application Serial No.:** (filed herewith)

**Filing Date:** (filed herewith)

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Camas, Washington, this 5 day of February, 1999.

  
Bryan Severt Hallberg, Assignor