
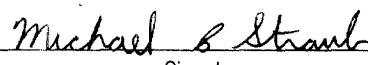


07-13-1998		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
		ET Rocket No.: (DMSL)HA-63/CIP2(ID099/CIP2) Attached original documents or copy thereof.	
To the Honorable Commissioner of Patents and Trademarks 100761610			
1. Name of conveying party(ies): Larry PEARLSTEIN Sharif M. SAZZAD Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: HITACHI AMERICA LTD. Street Address: 50 Prospect Avenue City: Tarrytown State: New York ZIP: 10591-4698 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: June 25, 1998		4. Application number(s) or patent number(s): <div style="text-align: center; font-size: 1.2em;">09/105,224</div> If this document is being filed together with a new application, the execution date of the application is: June 25, 1998 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Michael P. Straub, Esq. MICHAELSON & WALLACE Customer No. 007265 Internal Address: PO Box 8489 Street Address: Parkway 109 Office Center 328 Newman Springs Rd. City: Red Bank State: NJ ZIP: 07701	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 <input checked="" type="checkbox"/> Enclosed (included with Filing Fees) <input type="checkbox"/> Any additional fees required are authorized to be charged to the deposit account listed below. 8. Deposit account number: <div style="text-align: center; font-size: 1.2em;">13-3083</div> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE			
9. Statement and signature <i>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</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> Michael P. Straub Name of Person Signing </div> <div style="width: 40%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> June 26, 1998 Date </div> </div> <div style="text-align: right; margin-top: 5px;"> Total number of pages comprising cover sheet plus assignment: 5 </div>			
OMB No. 0651-0011(exp. 4/94) Mail documents to be recorded with required cover sheet information to: <div style="text-align: center;"> Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231 </div> Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time to reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.			

ASSIGNMENT
(multiple inventors)

WHEREAS, We, **Larry PEARLSTEIN**, ASSIGNOR

citizen of the **U.S.A.**, residing at **301 Wexley Drive,**
Newtown, PA 18940; and

Sharif Mohammad SAZZAD, ASSIGNOR

citizen of the **United Kingdom**, residing at **1013 Southridge**
Woods Blvd., Monmouth Junction, NJ 08852;

are the inventors of the invention in:

METHODS AND APPARATUS FOR PROCESSING LUMINANCE
AND CHROMINANCE IMAGE DATA

for which we have executed an application for a Patent of
the United States herewith; and

WHEREAS, **Hitachi America Ltd.**, a corporation of **New York**,
having a place of business at **50 Prospect Avenue, Tarrytown,**
New York 10591-4698, ASSIGNEE

is desirous of obtaining the entire right, title and
interest in, to and under the invention and the application:

NOW, THEREFORE, in consideration of the sum of One Dollar
(\$1.00) to each of us in hand paid, and other good and
valuable consideration, the receipt of which is hereby
acknowledged, we, the ASSIGNORS, have sold, assigned,
transferred and set over, and by these presents do hereby
sell, assign, transfer and set over, unto the ASSIGNEE, its
successors, legal representatives and assigns, the entire
right, title and interest in, to and under the invention,
and the United States application and all divisions,
renewals and continuations (including all continuation-in-
part applications) thereof, and all Patents of the United
States which may be granted thereon and all reissues and
extensions thereof; and all applications for industrial
property protection, including, without limitation, all
applications for patents, utility models and designs which
may hereafter be filed for the invention in any country or
countries foreign to the United States, together with the
right to file such applications and the right to claim for
the same the priority rights derived from the United States
application under the Patent Laws of the United States, the

International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to me regarding the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the invention in all countries.

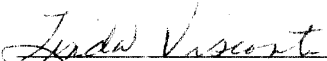
The undersigned hereby grant(s) the law firm of Michaelson & Wallace the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
25th day of JUNE, 1998.



Larry PEARLSTEIN, ASSIGNOR

WITNESSED BY:




Name

15 Buxton Drive
Address

East Windsor, NJ 08520

WITNESSED BY:



Name

6 Douglas Drive
Address

Princeton Junction, NJ 08550

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
25 TH day of JUNE, 19 98.

Sharif M. Sazzad
Sharif Mohammad SAZZAD, ASSIGNOR

WITNESSED BY:

Linda Vincent
Name

15 Buxton Drive
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WITNESSED BY:

John S. S. S.
Name

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