

02/04/00

03-07-2000



Substitute Form PTO-1595  
 Attorney Docket No.: 07660-015001  
 Client's Ref. No.: 880048US

101283788  
 RECORDATION FORM COVER SHEET  
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10511 U.S. PTO  
 09/498291  
 02/04/00

Assistant Commissioner for Patents: Please record the attached original document.	
1. Name of conveying parties:  Jun-Wei Hsieh, Cheng-Chin Chiang, and Der-Lor Way  Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party:  Industrial Technology Research Institute 51, Building 195, Section 4 Chung Hsing Road Chutung, Hsinchu 310 Taiwan, R.O.C.  Additional names/addresses 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: 9/13/1999, 9/8/1999 and 9/6/1999	
4. Application number(s) or patent number(s):  If this document is being filed with a new application, the execution date of the application is: 9/13/1999, 9/8/1999 and 9/6/1999  A. Patent Application No(s):  B. Patent No(s): 09/498291  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed:  ERIC L. PRAHL Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: 1  7. Total fee (37 CFR §3.41): \$40  <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account.  8. Deposit Account No.: 06-1050  Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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 the attached is the original document.</i>  Frank R. Occhiuti Reg. No. 35,306 Name of Person Signing  <i>Frank R. Occhiuti</i> Signature  February 4, 2000 Date	
Total number of pages including coversheet, attachments and document: 2	

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February 4, 2000  
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PATENT  
 REEL: 010584 FRAME: 0949

# ASSIGNMENT

For valuable consideration, we, Jun-Wei Hsieh of Hsinchu, Taiwan; Cheng-Chin Chiang, of Hsinchu, Taiwan; and Der-Lor Way of Hsinchu, Taiwan hereby assign to Industrial technology Research Institute, a Taiwan corporation having a place of business at 51 Bldg., 195, Section 4 Chung Hsing Road, Chutung, Hsinchu 310 Taiwan, R.O.C., and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled AN APPARATUS FOR PROVIDING PANORAMIC IMAGES, filed Herewith, and assigned U.S. Serial

Number \_\_\_\_\_, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at CCL ITRI,  
this thirteenth day of September, 1999  
Jun Wei Hsieh L.S.  
Jun-Wei Hsieh

IN WITNESS WHEREOF, I hereto set my hand and seal at CCL ITRI,  
this eighth day of September, 1999  
Cheng-Chin Chiang L.S.  
Cheng-Chin Chiang

IN WITNESS WHEREOF, I hereto set my hand and seal at CCL ITRI,  
this sixth day of September, 1999  
Der-Lor Way L.S.  
Der-Lor Way

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