Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
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Name of conveying party(ies): ALAN T. PULLINS	Name and address of receiving party(ies) Name:
Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name	Street Address: One Panasonic Way
Other	City: Secaucus State: NJ Zip: 07094 Additional name(s) & address(es) attached? Yes V No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 10/895,556 B. Patent No.(s)	
Additional numbers attached? Yes V No	
Name and address of party to whom correspondence concerning document should be mailed: Name: Warren D. Schickli	6. Total number of applications and patents involved: 4.7. Total fee (37 CFR 3.41)\$
Name:380-209 Internal Address:	Enclosed Authorized to be charged to deposit account
Street Address: 247 North Broadway 247 North Broadway City: Lexington State: KY Zip: 40507	8. Deposit account number: 11-0978
9. Signature. Name of Person Signing Total number of pages including cover sheet, attachments, and documents:	
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DOCKET NO. 380-209

ASSIGNMENT

Lebanon Road, Danville, Kentucky 40423-0007is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor:

NOW, THEREFORE, for good and valuable consideration, I hereby sell, assign, transfer and set over unto MATSUSHITA ELECTRIC CORPORATION OF AMERICA, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, and in and to any and all patents of the United States and foreign countries which may be issued for said invention.

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of assignor and assignee;

REEL: 015146 FRAME: 0779

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to MATSUSHITA ELECTRIC CORPORATION OF AMERICA, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

COMMONWEALTH OF KENTUCKY COUNTY OF On this 20 day of _______, 2004, before me personally appeared ALAN T. PULLINS, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth. My commission expires:

RECORDED: 09/17/2004

PATENT REEL: 015146 FRAME: 0780