10-17-20	(INDI) 8783 4885 (IND)			
(Rev. 03/01) OMB No. 0651-0067 (exp. 5/31/2002)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office 40 Please Record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Panasonic Technologies, Inc. Additional name of conveying party(ies) attached? Yes No	Name and address of receiving party(ies) Name: Matsushita Electric Corporation of America Internal Address:			
3. Nature of conveyance: ☐ Assignment	Street Address: One Panasonic Way			
☐ Security Agreement ☐ Change of Name ☐ Other Execution Date(s): September 28, 2001	City: Secaucus State: NJ Zip: 07094 Additional Name(s) & address(es) attached? ☐ Yes ☒ No			
4. Application number(s) or patent number(s): If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers attained.	n, the execution date of the application is: B. Patent No.(s) 5,579,431 5,826,230 5,617,508 6,134,369 ached? Yes No			
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and/or patents involved: 4			
Name: Gregory A. Stobbs Internal Address: Harness, Dickey & Pierce, P.L.C.	7. Total fee (37 CFR 3.41) \$ 160.00 ☑ Enclosed ☐ Authorized to be charged to deposit account			
Street Address: P.O. Box 828	8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.			
City: Bloomfield Hills State: MI Zip: 48303	THIS SPACE			

9. Statement and signature.

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.

Gregory A. Stobbs, Reg. No. 28,764 Name of Person Signing

October 5, 2001 Date

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

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State of Delaware

Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"PANASONIC TECHNOLOGIES, INC.", A DELAWARE CORPORATION,

WITH AND INTO "MATSUSHITA ELECTRIC CORPORATION OF AMERICA",

UNDER THE NAME OF "MATSUSHITA ELECTRIC CORPORATION OF AMERICA",

A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE

OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE

TWENTY-EIGHTH DAY OF SEPTEMBER, A.D. 2001, AT 10:01 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRTIETH DAY OF SEPTEMBER, A.D. 2001.



Harriet Smith Windson, Secretary of State

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AUTHENTICATION: 1369570

DATE: 10-01-01



STATE OF DELAWARE SECRETARI OF STATE DIVISION OF CORPORATIONS FILED 10:01 AN 09/28/2001 010483175 ~ 0797841

CERTIFICATE OF MERGER

OF

PANASONIC TECHNOLOGIES, INC.

WITH AND INTO

MATSUSHITA ELECTRIC CORPORATION OF AMERICA

Under Section 251
of the
General Corporation Law of the State of Delaware

THE UNDERSIGNED, Matsushita Electric Corporation of America, a Delaware corporation (hereinafter referred to as "the Corporation"), in connection with the merger of Panasonic Technologies, Inc., a Delaware corporation, with and into the Corporation (hereinafter referred to as the "Merger"), hereby certifies as follows:

FIRST: The name and the state of incorporation of each of the constituent corporations are:

Name

State of Incorporation

Panasonic Technologies, Inc.

Delaware

Matsushita Electric Corporation of America

Delaware

SECOND: An Agreement and Plan of Merger relating to the Merger (hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the provisions of Section 251 of the General Corporation Law of the State of Delaware (hereinafter referred to as the "DGCL"), authorized by the unanimous written consent of the Stockholders of each of the constituent corporations in accordance with the provisions of Section 228 of the DGCL, and authorized by the unanimous written consent of the Board of Directors of each of the constituent corporations in accordance with the provisions of Section 141(f) of the DGCL.

THIRD: The name of the surviving corporation is "Matsushita Electric Corporation of America".

FOURTH: The Merger shall become effective at the close of business on September, 30, 2001.

FIFTH: The executed Merger Agreement is on file at the principal place of business of the surviving corporation, at One Panasonic Way, Secaucus, New Jersey 07094.

SIXTH: A copy of the Merger Agreement will be furnished by the surviving corporation, on request and without cost, to any Stockholder of either constituent corporation.

IN WITNESS WHEREOF, the undersigned corporation has duly executed this Certificate of Merger, on the 28th day of September, 2001.

ATTEST:

MATSUSHITA ELECTRIC CORPORATION OF AMERICA

TOWN MOUNTEN BY

Assistant Secretary

Paul F. Liao

Vice President and

Chief Technology Officer



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TRANSMITTAL		Applic	ation Number	-		
		Filing	Date			
FORM		First N	lamed Inventor			
(to be used for all correspondence after initial filing)		Group	Art Unit			
		Examir	ner Name			
Total Number of Pages in This Submission		Attorne	Attorney Docket Number 9432-500035		000035	
		ENCLO	SURES	(check all that apply)		
Fee Transmittal Fo	orm	Assignment Papers (for an Application)		Afte Gro	er Allowance Communication to oup	
Fee Attached		Drawing(s)			eal Communication to Board of eals and Interferences	
Amendment / Res	ponse	Licensing-related		d Papers		peal Communication to Group peal Notice, Brief, Reply Brief)
After Final		Petition	1		Pro	prietary Information
Affidavits/decl	aration(s)	Petition to Convert to a Provisional Application		Sta	tus Letter	
Extension of Time	Request	Power of Attorney, Revocation Change of Correspondence Address				ner Enclosure(s) ase identify below):
Express Abandoni	ment Request		nal Disclaimer est for Refund			Recordation Form Cover Sheet, Merger Documents, Letter, and Return Receipt Postcard.
☐ Information Disclo	sure Statement	CD, Number of CD(s		CD(s)		
Certified Copy of Priority Document(s) Remai		The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.				
Response to Missing Parts/ Incomplete Application						
Response to N Parts under 3' 1.52 or 1.53						
	SIGNA	TURE OF	APPLICA	ANT, ATTORNEY, O	R AGEN	Т
Firm or Individual name	Harness, Dickey &	Pierce, P.L.		orney Name egory A. Stobbs		Reg. No. 28,764
Signature	9 5/6/					
Date October 5, 2001						
CERTIFICATE OF MAILING/TRANSMISSION						
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below.						
Typed or printed name Gregory A. Stobbs						
Signature Lock Date October 5, 2001						



HARNESS, DICKEY & PIERCE, P.L.C.

ATTORNEYS AND COUNSELORS

P.O. BOX 828 BLOOMFIELD HILLS, MICHIGAN 48303 U.S.A.

CABLE
PATENTS TROY, MICHIGAN

TELEX NO. & REPLY 287637 HARNES UR TELEFACSIMILE (248) 641-0270

October 5, 2001

Commissioner of Patents & Trademarks Box Assignments Washington, D.C. 20231

Re: Recordal of Merger for U.S. Patent Nos.: 5,579,431; 5,617,508;

5,826,230 and 6,134,369 from Panasonic Technologies,

Inc. to Matsushita Electric Corporation of America.

Honorable Commissioner:

Please be advised that U.S. Patent Nos: 5,579,431; 5,617,508; 5,826,230 and 6,134,369 are jointly owned by Panasonic Technologies, Inc. and Matsushita Electric Industrial Co., Ltd.

As can be seen in the enclosed merger documents, Panasonic Technologies, Inc. merged into and with Matsushita Electric Corporation of America on September 30, 2001. Please transfer Panasonic Technologies, Inc. part ownership interests for the above mentioned patents to Matsushita Electric Corporation of America.

Therefore, U.S. Patent Nos.: 5,579,431; 5,617,508; 5,826,230 and 6,134,369 will be jointed owned by Matsushita Electric Corporation of America and Matsushita Electric Industrial Co., Ltd.

Thank you for your assistance in the matter.

Very truly yours

Gregory A. Stobbs

GAS/pal Enclosures

OIFEE					
0CT 1 0 2601 8	Attorney Docket No. 9432-500035				
Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) PATENT	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office				
To the Honorable Commissioner of Patents and Trademarks: F	Please Record the attached original documents or copy thereof.				
 Name of conveying party(ies): Panasonic Technologies, Inc. Additional name of conveying party(ies) attached? ☐ Yes ☒ No 	Name and address of receiving party(ies) Name: Matsushita Electric Corporation of America Internal Address:				
3. Nature of conveyance: ☐ Assignment ☑ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date(s): September 28, 2001	Street Address: One Panasonic Way City: Secaucus State: NJ Zip: 07094 Additional Name(s) & address(es) attached? Yes No				
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Additional numbers atta	ached? ☐ Yes ☒ No				
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and/or patents involved: 4				
Name: Gregory A. Stobbs	7. Total fee (37 CFR 3.41) \$ <u>160.00</u>				
Internal Address: Harness, Dickey & Pierce, P.L.C.	☑ Enclosed☐ Authorized to be charged to deposit account				
Street Address: P.O. Box 828	8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.				
City: Bloomfield Hills State: MI Zip: 48303					
DO NOT USE THIS SPACE					

9. Statement and signature.

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.

Gregory A. Stobbs, Reg. No. 28,764 Name of Person Signing

RECORDED: 10/10/2001

Signature

October 5, 2001 Date

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