

01-19-2000

Docket No.: 53074-017

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



101245839

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Toru Takayama, Takaaki Baba and James S. Harris, Jr.**

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 12/7/99, 12/2/99 and 12/2/99 respectively

2. Name and address of receiving party(ies):

Name: Matsushita Electronics Corporation

Internal Address: \_\_\_\_\_

Street Address: Kadoma

City: Osaka, Japan 571 State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

09/476017

If this document is being filed together with a new application, the execution date of the application is: 12/30/99

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: James E. Eakin

Internal Address: McDermott, Will & Emery

Street Address: 2700 Sand Hill Road

City: Menlo Park State: CA ZIP: 94025

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0385

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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.

James E. Eakin, Reg. No. 27,874

Name of Person Signing

Signature

12/30/99

Date

6

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

**ASSIGNMENT**

WHEREAS, WE, TORU TAKAYAMA, TAKAAKI BABA, and JAMES S. HARRIS, JR., have invented and have exclusive ownership of that invention and the application for patent thereon entitled:

“SEMICONDUCTOR STRUCTURES USING A GROUP III-NITRIDE QUATERNARY MATERIAL SYSTEM WITH REDUCED PHASE SEPARATION AND METHOD OF FABRICATION”

U.S. Patent Application S/N:  
Filed:

WHEREAS, MATSUSHITA ELECTRONICS CORPORATION, a Japanese corporation, having an office at Kadoma Osaka, 571, Japan, is desirous of obtaining the entire right, title and interest in, to and under the said invention and application, outlined above.

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE, TORU TAKAYAMA, TAKAAKI BABA and JAMES S. HARRIS, JR., have assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto the said MATSUSHITA ELECTRONICS CORPORATION, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention and the said application for patent, a copy of which is contained in docket no. 53074-017 at the Law Firm of McDermott, Will & Emery, 2700 Sand Hill Road, Menlo Park, CA 94025, together with all continued prosecution applications, divisions, continuations, continuations-in-part, renewals, reissues and extensions thereof and all patents which may be granted thereon, as well as all applications for patents which may be

filed for said invention in any country or countries foreign to the United States, and all patents which may be granted for said invention in any country or countries foreign to the United States, including all extensions, renewals and reissues thereof and the right to claim priority under the International Convention for the Protection of Industrial Property; and WE hereby authorize and request the United States Patent and Trademark Office, and any official of any country or countries foreign to the United States, whose duty it is to issue the patents on applications as aforesaid, to issue all patents for said invention to the said MATSUSHITA ELECTRONICS CORPORATION, its successors, legal representatives and assigns, in accordance with this instrument.

AND WE hereby covenant that WE have the full right to convey our entire interest herein assigned, and that WE have not executed, and will not execute, any agreement in conflict therewith.

AND WE further covenant and agree that WE will communicate to the said MATSUSHITA ELECTRONICS CORPORATION any facts known to each of us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all continued prosecution applications, divisional, continuing, continuation-in-part, and reissue applications, make all rightful oaths and generally do everything possible to aid the said MATSUSHITA ELECTRONICS CORPORATION, its successors, legal representatives and assigns to obtain and enforce proper patent protection for said invention in all countries.

The undersigned, being hereby warned that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the foregoing instrument, declare that he has read the foregoing instrument and believes that the facts set forth herein are true; that he is authorized to execute this instrument and that all statements made of his own knowledge are true, and that all statements made on information and belief are believed to be true:

IN TESTIMONY WHEREOF, I have hereunto set our hand this 7th day of Dec. 1999.

By: Toru Takayama  
TORU TAKAYAMA

STATE OF CALIFORNIA                    )  
  ) ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 199\_\_, before me personally appeared TORU TAKAYAMA, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he/she executed it. Witness my hand and official seal.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set our hand this 2 day of \_\_\_\_\_

Dec 1999.

By: Takaaki Baba  
TAKAAKI BABA

STATE OF CALIFORNIA                    )  
  ) ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 199\_\_, before me personally appeared TAKAAKI BABA, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he/she executed it. Witness my hand and official seal.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set our hand this 2 day of December 1999.

By: James S. Harris, Jr.  
JAMES S. HARRIS, JR.

STATE OF CALIFORNIA                    )  
  ) ss  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 199\_\_, before me personally appeared JAMES S. HARRIS, JR., personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he/she executed it. Witness my hand and official seal.

\_\_\_\_\_  
Notary Public