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Docket No. 705328.15 (L&L 234/264)

To the Honorable Commissioner of Patents and Trademarks

102268496

1. Name of conveying party(ies):  
MITSUBISHI ELECTRONICS AMERICA, INC.  
Additional name(s) of conveying party(ies) attached? ☐ Yes  
☒ No

2. Name and address of receiving party:  
Name: MITSUBISHI ELECTRIC & ELECTRONICS USA, INC.  
Street Address: 5665 Plaza Drive  
City: Cypress State: CA Zip: 90630-0007  
Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: October 11, 2002

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). 09/167,311

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kenneth S. Roberts

Internal Address: Orrick, Herrington & Sutcliffe LLP  
4 Park Plaza, Suite 1600  
Irvine, CA 92614-2558

6. Total number of applications and patents involved: 1

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

☒ Charge this Deposit Account if any additional fee is required

8. Deposit Account Number: 15-0665

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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.

Kenneth S. Roberts  
Kenneth S. Roberts, Reg. No. 38,283

Date: October 17, 2002

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

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PATENT  
REEL: 013431 FRAME: 0264

ASSIGNMENT

WHEREAS, **BRUCE B. LUSIGNAN, ARTHUR KARP, TOHRU TAKAJI and KAZOU HOSONO**, are inventors of a certain invention entitled ANTENNA RECEIVING SYSTEM which application for Letters Patent of the United States of America was filed on October 6, 1998, and assigned Serial No. 09/167,311; and

WHEREAS, said inventors for valuable consideration did assign to **MITSUBISHI ELECTRONICS AMERICA, INC.**, a Delaware corporation (hereinafter referred to as "ASSIGNOR"), having a business address at 5665 Plaza Drive, Cypress, California 90630, **TERRASTAR, INC.**, a Delaware corporation, and **YOKOWO CO., LTD.**, a Japanese corporation, and their successors and assigns, the full and exclusive right, title and interest to said invention and to all Letter Patents or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; said assignment recorded by the United States Patent and Trademark Office at Reel 9510, Frame 0135.

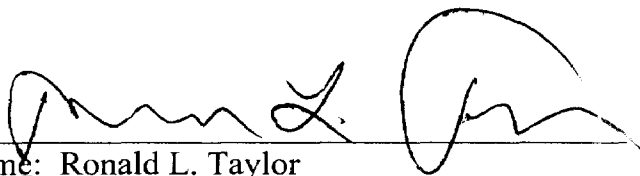
WHEREAS, **MITSUBISHI ELECTRIC AMERICA, INC.**, a Delaware corporation, having a business address of 1050 E. Arques Avenue, Sunnyvale, California 94084, in a Patent Assignment Agreement dated December 11, 1998, (hereinafter referred to as "Agreement"), assigned to ASSIGNOR, **MITSUBISHI ELECTRONICS AMERICA, INC.**, at its business address of 1050 E. Arques Avenue, Sunnyvale, California 94084, all right, title and interest in and to patents, patent applications, and unfiled invention disclosures described in Exhibit A to the Agreement; said assignment recorded by the United States Patent Office at Reel 009958, Frame 0094.

WHEREAS, **MITSUBISHI ELECTRIC & ELECTRONICS USA, INC.**, a Delaware corporation, having a place of business at 5665 Plaza Drive, Cypress, California 90630-0007 (hereinafter referred to as

“ASSIGNEE”), is desirous of acquiring the ASSIGNOR’S entire right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full right, title and interest in and to said invention, and in and to any and all Letters Patents to be granted and issued therefor in the United States of America, its territories and possessions, and I hereby authorize and request the Commissioner for Patents and Trademarks to issue said Letters Patent to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

Dated: Oct 11, 2002

  
Name: Ronald L. Taylor  
Title: Assistant General Counsel, Director of  
Intellectual Property  
Company: Mitsubishi Electric & Electronics USA, Inc.