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OVER SHEET

PATENTS ONLY

Attorney Docket Number
10681-007

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

10-21-02

Richard Jonathan Langley and Didier Viratelle

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Dates: October 10 and 14, 2002

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

Name: Harada Industries (Europe) Limited

Address: Bell Heath Way

Woodgate Business Park

Clapgate Lane

Birmingham B32 3BZ

Country (if other than USA): United Kingdom

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) 10/089,532

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

PENNIE & EDMONDS LLP
1155 Avenue of Americas
New York, N.Y. 10036-2711

6. Number of applications

and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40

Please charge to the deposit account listed in Section 8.

8. Deposit account number:

16-1150

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.

Steven D. Underwood (47,205)

Charles E. Miller

24,576

For Charles E. Miller

October 21, 2002

Name of Person Signing

Reg. No.

Signature

Date

Total number of pages including cover sheet:

3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231

10/29/2002 LMUELLER 00000186 161150 10089532

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PATENT
REEL: 013421 FRAME: 0554

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ASSIGNMENT

WHEREAS, I, Richard Jonathan Langley, ASSIGNOR, a citizen of United Kingdom, residing at University of Kent, Canterbury, Kent CT2 7PD, United Kingdom, am the inventor of the invention Dual-Band Microstrip Antenna for which I have executed an application for a Patent of the United States

- ☐ which is executed on ☐ even date herewith or ☐
☐ which is identified by Ponnai & Edmunds LLP docket no.
☒ which was filed on 28 March 2002, and assigned application No. US NO. 10/089,532

and WHEREAS, Harada Industries (Europe) Limited, a corporation organized under the laws of the United Kingdom, having a place of business Bell Heath Way, Woodgate Business Park, Clapgate Lane, Birmingham B32 3BZ, UNITED KINGDOM, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all renewals and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and continuations thereof;

AND HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, renewal and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my signature.

X Date 16/10/02 2002 Richard Jonathan Langley

On this 16 day of October 2002, before me, a witness, personally appeared Richard Jonathan Langley, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

X EE Rees
 Witness

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ASSIGNMENT

WHEREAS, I, Didier Viratelle, ASSIGNOR, a citizen of France, residing at 12 rue de Montre Vert, 75014 Paris, France (hereinafter residing at University of Kent, Canterbury, Kent CT2 7TA, United Kingdom), am the inventor of the Invention Dark-Sand Microchip Antenna for which I have obtained an application for a Patent of the United States

- ☐ which is described on ☐ even date herewith or ☐
☐ which is described by French & English 112 dotted line.
☒ which was filed on 28 March 2002, and assigned application No. USNO. 10089,512

AND WHEREAS, Harada Industries (Europe) Limited, a corporation organized under the laws of the United Kingdom, having a place of business 101 Heath Way, Woodgate Business Park, Clippgate Lane, Birmingham B32 3BZ, UNITED KINGDOM, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all returns and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and related thereof;

AND HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to have the same in the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not assigned, and will not assign, any agreement in conflict herewith.

AND HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, my full access to the respecting said invention, and assist in any legal proceeding, sign all legal papers, execute all divisions, continuations, renewals and foreign applications, make all required oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and maintain proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the day and year set opposite my signature.

Date October 14, 2002 

On this day of October 14, 2002, before me, a witness, personally appeared Didier Viratelle, to the known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.


 Witness