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02-13-2006

U.S. DEPARTMENT OF COMMERCE
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103177194

Atty. Docket No.: **HHEA-86CON**

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

1. Name of conveying party(ies):

John G. N. HENDERSON, Carl SCARPA

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

3. Nature of conveyance:

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

Execution Date: **March 27, 2002**

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

Name: **HITACHI AMERICA, LTLD.**

Street Address: **50 Prospect Avenue**

City: **Tarrytown** State: **NY** ZIP: **10591-4698**

Name: **HITACHI HOME ELECTRONICS (AMERICA), INC.**

Street Address: **1855 Dornoch Court**

City: **San Diego** State: **CA** ZIP: **92154**

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

02/07/2006 DTESSEN1 00000044 11346643

05 FC:8021 (40.00 DP)

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: **November 30, 2001**

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: **Michael P. Straub, Esq.**
STRAUB & POKOTYLO
Customer No. 26479

Internal Address: **620 Tinton Avenue**

Street Address: **Bldg. B, 2nd Floor**

City: **Tinton Falls** State: **NJ** ZIP: **07724-3260**

6. Total number of applications and patents involved: **1**

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

- ☒ Enclosed (included with Filing Fees)
☒ Any additional fees required are authorized to be charged to the deposit account listed below.

8. Deposit account number:

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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

Michael P. Straub

Name of Person Signing

Signature

February 1, 2006

Date

Total number of pages comprising cover sheet plus assignment: **3**

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

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ASSIGNMENT

WHEREAS, We, **John G. N. HENDERSON**, ASSIGNOR

citizen of the **USA**, residing at **43 Fieldston Road, Princeton, NJ 08540**; and

Carl SCARPA, ASSIGNOR

citizen of the **USA**, residing at **9 Mershon Lane, Plainsboro, NJ 08530**;

are the inventors of the invention in:

**STEERABLE ANTENNA AND RECEIVER INTERFACE
FOR TERRESTRIAL BROADCAST**

for which the following patent applications have been filed:
1.) a United States Utility Patent Application serial number 10/020,703 which was filed on November 30, 2001; 2.) a United States Provisional Patent Application serial number 60/257,219 filed on December 21, 2000; and 3.) PCT International Application number PCT/US01/49307 filed on December 20, 2001; and

WHEREAS, **Hitachi America, Ltd.**, a corporation of **New York**, having a place of business at **50 Prospect Avenue, Tarrytown, New York 10591-4698**, and **Hitachi Home Electronics (America), Inc.**, a corporation of **California**, having a place of business at **1855 Dornoch Court, San Diego, CA 92154**, ASSIGNEE

is desirous of obtaining the entire right, title and interest in, to and under the invention and the application identified above;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the invention, and each of the applications identified above, and all divisions, renewals and continuations (including all continuation-in-part applications) thereof, and all Patents

of the United States and other countries which may be granted thereon and all reissues 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 the 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 the 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, inventor's certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE 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 ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

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

The undersigned hereby grant(s) the law firm of Straub & Pokotylo the power to insert on this Assignment any further identification, including the application serial number, which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
27th day of March, 2002.

John G. N. Henderson
John G. N. HENDERSON, Assignor

WITNESSED BY:

Joan E. Pandow
Name

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Address

Milford, NJ 08850

WITNESSED BY:

Linda Visant
Name

15 Buxton Drive
Address

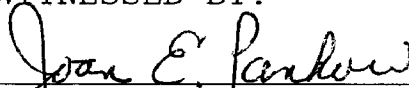
East Windsor, NJ 08520

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
27 day of March, 2002.



Carl SCARPA, ASSIGNOR

WITNESSED BY:

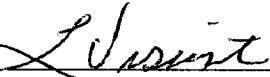


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