

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sohei KODAMA</td> <td>09/14/2012</td> </tr> <tr> <td>Masafumi KAGA</td> <td>09/14/2012</td> </tr> <tr> <td>Akinari NAKAYAMA</td> <td>09/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sohei KODAMA	09/14/2012	Masafumi KAGA	09/14/2012	Akinari NAKAYAMA	09/14/2012
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<table border="1"> <tr> <td>Name:</td> <td>HITACHI CABLE, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>14-1, SOTOKANDA 4-CHOME, CHIYODA-KU,</td> </tr> <tr> <td>City:</td> <td>TOKYO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	HITACHI CABLE, LTD.	Street Address:	14-1, SOTOKANDA 4-CHOME, CHIYODA-KU,	City:	TOKYO	State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1									
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CORRESPONDENCE DATA									
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Phone:	703-584-3270								
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NAME OF SUBMITTER:	Thomas W. Cole								
Total Attachments: 1 source=PHCF-12057US_Assign#page1.tif									

CH \$40.00 13617157

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, we hereby sell and assign to HITACHI CABLE, LTD.

Of 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo, Japan

its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

PARALLEL FOAMED COAXIAL CABLE

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefore, filed on even date herewith and all United States Letters Patent which may be granted therefore, and all divisions, continuations, reissues, reexaminations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI CABLE, LTD., its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said

HITACHI CABLE, LTD.

1. Date: September 14, 2012 (Full Name) Inventor: Sohei KODAMA (Signature) Sohei Kodama
Residence: Same as Post Office Address Citizenship: Japan
Post Office Address: c/o HITACHI CABLE, LTD., 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo, JAPAN

2. Date: September 14, 2012 (Full Name) Inventor: Masafumi KAGA (Signature) Masafumi Kaga
Residence: Same as Post Office Address Citizenship: Japan
Post Office Address: c/o HITACHI CABLE, LTD., 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo, JAPAN

3. Date: September 14, 2012 (Full Name) Inventor: Akinari NAKAYAMA (Signature) Akinari Nakayama
Residence: Same as Post Office Address Citizenship: Japan
Post Office Address: c/o HITACHI CABLE, LTD., 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo, JAPAN