

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Hironori KITAJIMA	01/11/2011
Hitoshi SAKAYORI	01/11/2011
Yuuzou SHIRAISHI	01/11/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HITACHI CABLE, LTD.
<b>Street Address:</b>	14-1, Sotokanda 4-chome, Chiyoda-ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	101-8971
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13114308
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)684-1460
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	703-684-1470
<b>Email:</b>	ncolston@brundidgestanger.com
<b>Correspondent Name:</b>	BRUNDIDGE & STANGER, P.C.
<b>Address Line 1:</b>	2318 MILL ROAD, SUITE 1020
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22314
<b>ATTORNEY DOCKET NUMBER:</b>	1601.60BS
<b>NAME OF SUBMITTER:</b>	Carl I. Brundidge
<b>Total Attachments: 1</b> source=1601_Assignment#page1.tif	

OP \$40.00 13114308

# ASSIGNMENT

( 譲渡証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me or us citizen(s) of Japan by HITACHI CABLE, LTD., a corporation organized under the laws of Japan, located at 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo 101-8971, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI CABLE, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

**HEAT PIPE TYPE COOLING DEVICE AND RAILCAR CONTROL EQUIPMENT  
USING THE SAME**

invented by me or us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations 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 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 I 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 I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI CABLE, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) Hironori KITAJIMA <u>Hironori KITAJIMA</u>	<u>January 11, 2011</u>
2) Hitoshi SAKAYORI <u>Hitoshi Sakayori</u>	<u>Jan, 11, 2011</u>
3) Yuuzou SHIRAISHI <u>Yuuzou Shiraishi</u>	<u>Jan. 11. 2011</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____