502757982 04/08/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2804578

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HITACHI, LTD.	03/12/2014

RECEIVING PARTY DATA

Name:	CLARION CO., LTD.
Street Address:	7-2, SHINTOSHIN, CHUO-KU
City:	SAITAMA-SHI, SAITAMA
State/Country:	JAPAN

PROPERTY NUMBERS Total: 3

Property Type	Number
Patent Number:	7069519
Patent Number:	7127723
Patent Number:	7383127

CORRESPONDENCE DATA

Fax Number: (202)293-7860

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 202-293-7060

Email: sughrue@sughrue.com, rthomas@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC

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Address Line 2: SUITE 800

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037-3213

ATTORNEY DOCKET NUMBER:	012914
NAME OF SUBMITTER:	RACHEL THOMAS; TEAMS DEPARTMENT
SIGNATURE:	/rachelthomas/
DATE SIGNED:	04/08/2014

Total Attachments: 2

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PATENT 502757982 REEL: 032625 FRAME: 0201

Assignment

Whereas, Hitachi, Ltd. of 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, hereinafter referred to as "Assignor", and Clarion Co., Ltd. of 7-2, Shintoshin, Chuo-Ku, Saitama-Shi, Saitama, Japan, hereinafter referred to as Assignee", are both co-owners of the entire right, title and interest in United States Patents mentioned in the attached schedule: and

Whereas, the above-named Assignee, desires to acquire the entire co-ownership right, title, and interest of the Assignor in the said U.S. Patents, so that Assignee becomes the owner of the entire right, title and interest in the said U.S. Patents.;

Now, therefore, for valuable consideration, receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to the above-named Assignee, its successors and assigns, the entire right, title and interest of Assignor in the said U.S. Patents, and any reissues or re-examinations thereof, together with all claims for damages by reason of past infringement of the said U.S. Patents with the right to Assignee to sue for and collect the same for their own use and enjoyment.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Hitachi, Ltd.

Date: March 12, 2014

Takashi SUZUKI Title:

Corporate Officer, General Manager, Intellectual Property Division

(Authorized Signing Officer)

<Schedule of Patents>

Patent No.	
7,069,519	
7,127,723	
7 000 107	

PATENT REEL: 032625 FRAME: 0203

RECORDED: 04/08/2014