503571369 11/16/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT3617996

CONVEYING PARTY DATA

Name	Execution Date
HISASHI KOISO	11/06/2015

RECEIVING PARTY DATA

Name:	JVC KENWOOD CORPORATION	
Street Address:	3-12, MORIYACHO, KANAGAWA-KU	
City:	YOKOHAMA-SHI, KANAGAWA	
State/Country:	JAPAN	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14942545

CORRESPONDENCE DATA

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NAME OF SUBMITTER: MICHAEL A. SARTORI, PH.D.

SIGNATURE: /MICHAEL A. SARTORI, PH.D./

DATE SIGNED: 11/16/2015

Total Attachments: 1

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PATENT 503571369 REEL: 037051 FRAME: 0293

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) JVC KENWOOD Corporation, 3-12, Moriyacho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0022 Japan (hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention) CONTROLLER, CONTROL METHOD, AND COPMUTER-READABLE RECORDING MEDIUM relating to International Patent Application PCT/JP_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (a) executed on _ (Insert date of execution of application, if not concurrent) Assignee's attorney is hereby authorized to insert in (b) the specified and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Hisashi Koiso (Signature) Hisashi KOISO (Signature) (Type Name) (Date) (Signature) (Type Name) (Date) (Type Name) (Date) (Signature) (Type Name) (Date)

RECORDED: 11/16/2015

PATENT REEL: 037051 FRAME: 0294