502147990 12/03/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shuji Tanifuji	11/08/2012

RECEIVING PARTY DATA

Name:	JVC Kenwood Corporation	
Street Address:	3-12, Moriyacho, Kanagawa-ku	
Internal Address:	Yokohama-shi	
City:	Kanagawa	
State/Country:	JAPAN	
Postal Code:	Il Code: 221-0022	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29438612

CORRESPONDENCE DATA

Fax Number: 7132288778

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 713-228-8600

Email: vo@oshaliang.com

Correspondent Name: Jonathan P. Osha

Address Line 1: TWO HOUSTON CENTER
Address Line 2: 909 FANNIN, SUITE 3500
Address Line 4: HOUSTON, TEXAS 77010

ATTORNEY DOCKET NUMBER: 04995/708001

NAME OF SUBMITTER: Dianna Vo

Total Attachments: 2

source=04995708001_assn#page1.tif source=04995708001_assn#page2.tif

PATENT

REEL: 029392 FRAME: 0404



Intellectual Property Law

DECLARATION AND ASSIGNMENT - U.S. RIGHTS ONLY

invented: whereas, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") has/have
The attached application to be filed as a United States application or PCT international
application, or
☐ United States application or PCT international application number <u>29/438,612</u> filed
on November 30, 2012; and, entitled: CAMCORDER
Regarding that application, each of the INVENTOR(S) declares the following:

- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the INVENTOR(S) hereby assign, transfer, and set over to:

JVC KENWOOD CORPORATION

having the following address:

3-12, Moriyacho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, Japan

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention described in the patent application identified above (referred to herein as INVENTION), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

- 1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- 3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

PATENT REEL: 029392 FRAME: 0405

OSHA

Intellectual Property Law

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA • LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

N	fovember 8, 2012	1 st Inventor Signature:	Shuji Tanifaji
	Date	Print or Type Name:	Shuji TANIFUJI
		2 nd Inventor Signature	
	Date	Print or Type Name:	
		-	
		3 rd Inventor Signature:	
	Date	Print or Type Name:	
	Date	Print or Type Name:	
		_	
	(a) a Notary Public for o	This Assignment may be sign one of the States of the United St	ed before either: ates, or (b) two witnesses who sign below:
			was of (b) the maintains with sign scient.
	State of		
ပ	County of		
NOTARY PUBLIC	Before me personally appeared;		
5	Dotoro mo possonany appeared.	1 st Inventor	2 nd Inventor
7			
K	each of whom acknowledged the f	3 rd Inventor foregoing instrument to be a free	4 th Inventor act and deed and also represented that he/she is authorized to
E	execute this Assignment.		
Ž	Dated:	-	
	Dated:	Notary Public	My commission expires:
<u> </u>		•	
ES		Signature of Witness:	
SSES	Date		
NESSES	Date		
ITNESSES	Date	Print or Type Name:	
WITNESSES	Date Date		

PATENT REEL: 029392 FRAME: 0406

RECORDED: 12/03/2012