PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroki YAMANO	02/03/2009
So MIYASAKA	02/03/2009
Kazuya WATANABE	02/12/2009
Hisashi SUTOH	02/17/2009
Hiromitsu SAKURABA	02/17/2009

RECEIVING PARTY DATA

Name:	SONY CORPORATION	
Street Address:	1-7-1 Konan, Minato-ku	
City:	Tokyo	
State/Country: JAPAN		
Postal Code:	108-0075	

Name:	TAMRON CO., LTD.	
Street Address:	1385 Hasunuma, Minuma-ku, Saitama-shi	
City:	Saitama	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12390844	

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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

Phone: (703) 413-3000

Email: rturner@oblon.com

Correspondent Name: Ronald Turner

Address Line 1: Oblon, Spivak, et al.

PATENT REEL: 022311 FRAME: 0350

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	1940 Duke Street Alexandria, VIRGINIA 22314	
ATTORNEY DOCKET NUMBER:		338811US8X
NAME OF SUBMITTER:		Ronald Turner
Total Attachments: 4 source=338811USASSIGN#p source=338811USASSIGN#p source=338811USASSIGN#p source=338811USASSIGN#p	age2.tif age3.tif	

PATENT REEL: 022311 FRAME: 0351

Assignment of Application

WHEREAS, I (WE	E) Hiroki YAMANO and So MIYASAKA of c/o SONY (CORPORATION, 1-7-1 Konan, Minato-ku,
	Tokyo, Japan and	
	Kazuya WATANABE, Hisashi SUTOH and Hiromitsu	SAKURABA of c/o TAMRON CO., LTD.,
	1385 Hasunuma, Minuma-ku, Saitama-shi, Saitama, Ja	pan
		, respectively,
have invented cert	ain new and useful improvements in: <u>LENS BARREL AI</u>	ND IMAGING APPARATUS
(Application No.	, filed), and
	SONY CORPORATION of 1-7-1 Konan, Minato-ku, To	
WHEREAS	TAMRON CO., LTD. of 1385 Hasunuma, Minuma-ku, S	• •
_		artuna-sni, bartuna, sapan
(hereinafter referre	ed to as "ASSIGNEE") having a place of business at:	is desirous of acquiring the entire right,

title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, 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 by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	February 3, 2009		Idirok Guano
		(Signature of Inventor)	Hiroki YAMANO
Date:	February 3, 2009		So Myssocher
		(Signature of Inventor)	So MIYASAKA
Date:			
		(Signature of Inventor)	Kazuya WATANABE
Date:			
		(Signature of Inventor)	Hisashi SUTOH
Date:			
		(Signature of Inventor)	Hiromitsu SAKURABA
Date: _			
		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

Assignment of Application

INSERT NAMES AND RESIDENCE	WHEREAS, I (WE	2) Hiroki YAMANO and So MIYASAKA of c/o SONY CORPORATION, 1-7-1 Konan,	, Minato-ku,
ADDRESS OF THE INVENTORS:		Tokyo, Japan and	
		Kazuya WATANABE, Hisashi SUTOH and Hiromitsu SAKURABA of c/o TAMRON	N CO., LTD.,
		1385 Hasunuma, Minuma-ku, Saitama-shi, Saitama, Japan	
	 		
			respectively,
		,	respectively,
NSFRT TITLE OF NVENTION:	have invented cert	tain new and useful improvements in: LENS BARREL AND IMAGING APPARATUS	
	(Application No.	, filed), and
		SONY CORPORATION of 1-7-1 Konan, Minato-ku, Tokyo, Japan and	
NSERT NAME AND ADDRESS OF	WHEREAS	TAMRON CO., LTD. of 1385 Hasunuma, Minuma-ku, Saitama-shi, Saitama, Japan	
COMPANY OR OTHER ASSIGNEE	WILLIAM IS,	Tribite Co., 1970. Of 1905 Hasunuma, Minuma-ku, Sanama-sin, Sanama, Japan	
		ed to as "ASSIGNEE") having a place of business at: is desirous of acquiring the	

title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, 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 by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:			
-		(Signature of Inventor)	Hiroki YAMANO
Date:			
		(Signature of Inventor)	So MIYASAKA
Date:	2008	Lagura	Waturaby
		(Signature of Inventor)	Kazuya WATANABE
Date: 17/2/	2009	Hisashi	Sutoh
		(Signature of Inventor)	Hisashi SUTOH
Date:	00 9	Hiromitsu	Sakuraba
		(Signature of Inventor)	Hiromitsu SAKURABA
Date:			
		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

06/04

RECORDED: 02/25/2009

PATENT REEL: 022311 FRAME: 0355