Atty. Docket No.: 2257-0175P

Page 1 of 1

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)				
RYU, Tomoaki	Name: MITSUBISHI DENKI KABUSHIKI KAISHA				
Additional name(s) of conveying party(ies) attached?  YES NO  Nature of conveyance:	Internal Address:  Street Address: 2-3, Marunouchi 2-chome, Chiyoda-ku				
<ul> <li>✓ Assignment</li> <li>✓ Merger</li> <li>✓ Security Agreement</li> <li>✓ Change of Name</li> <li>✓ Other:</li> </ul>	City: TOKYO State: ZIP:  Country: JAPAN Postal Code: 100-8310  Additional name(s) & address(es) attached? TYES NO				
Execution Date: January 15, 2001  Application number(s) or patent number(s):	44.7				
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is:  January 15, 2001					
A. Patent Application No(s).  New	B. Patent No.(s).				
Additional numbers attac					
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total No. of applications/patents involved: One (1)  7. Total fee (37 C.F.R. § 3.41): \$40.00				
Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP	⊠ Enclosed				
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ATTORNEY DOCKET NO. 2257-0175P

## ASSIGNMENT

	Application No. New	Filed <b>Feb. 23, 20</b> 01
	WHEREAS,Tomoaki RYU	
isert Name (s)	c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3,	Marunouchi 2-chome,
f Inventor (s)	Chiyoda-ku, TOKYO 100-8310 JAPAN	
nsert Title f Invention	(hereinafter designated as the undersigned) has (have) invented certain new FOCUS PULL- IN METHOD AND OPTICAL DISK DEVICE	
nsert Date	for which an application for Letters Patent of the United States of A	merica has been executed by the
f Signing of pplication	~	; and
nsert Name f Assignee	WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA	
nsert Address f Assignee	of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8	310 JAPAN
енеск	its heirs, successors, legal representatives and assigns (hereinafter designa acquiring the entire right, title and interest in and to said invention and in a be granted therefor in the	ated as the Assignee) is desirous of
ONE BOX	<ul> <li>(1) □ United States of American only; or</li> <li>(2) □ United States of American and any and all foreign countries</li> </ul>	
	NOW, THEREFORE, in consideration of the sum of Ten Doll hand paid, the receipt whereof is hereby acknowledged, and other goo undersigned has (have) sold, assigned and transferred, and by these preser said Assignee the full and exclusive right to the said invention in:	d and valuable consideration, the
	1. the United States of America, its territories, dependencies are title and interest in and to any and all Letters Patent(s) which may be gran America, its territories, dependencies and possessions, if box (1) above is deal America, its territories, dependencies and possions, if box (1) above is designed.	ated therefor in the Untied States of esignated;
	or	
	2. the United States of America, its territories, dependencies a foreign countries and the entire right, title and interest in and to any and granted therefor in the United States of America, its territories, dependence all foreign countries, if box (2) above is designated;	all Letters Patent(s) which may be
	and to any and all divisions, reissues, continuations and extensions thereof the same may be granted.	for the full term or terms for which

**PATENT REEL: 011558 FRAME: 0809**  The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United Stases of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and/or any and all foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch and Birch, 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

DateJanuary 15.	5, 200 Name of Inventor	Tomoaki RYU (SEAL)		
•		Tomoaki RYU	(Signature)	,
Date:	, Name of Inventor			(SEAL)
			(Signature)	
Date:, Name of I	, Name of Inventor			(SEAL)
			(Signature)	
Date:	, Name of Inventor			(SEAL)
			(Signature)	
Date:	, Name of Inventor			(SEAL)
			(Signature)	
The exec	cuted by the Inventor(s) of this ass	signment may be witnessed	I by at least two other person who sign her	c.
	Witness			
,	Witness			

RECORDED: 02/23/2001

PATENT REEL: 011558 FRAME: 0810