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FORM PTO-1595		lEET U	.S. DEPARTMENT OF COMMERC ATENT AND TRADEMARK OFFIC		
To the Honorable Di	rector	ched original document	s or copy thereof.		
1. Name of Conveying party(ies): TAKEUCHI, Shuichi	10276578 7.64	Name and address of receiving party Name: PENTAX Corporation	135 U.S. PT 10/861490		
		Internal Address:			
Additional name(s) of conveying party 3. Nature of conveyance: X Assignment Security Agreement	Merger Change of Name	Street Address: 36-9, Maenocho 2-cl	nome, Itabashi-ku, Tokyo, Japan		
Other Execution Date: <u>June 7, 2004</u>		City: State: ZIP:Additional names(s) and address(es) attached? Yes _X_ No			
 Application number(s) or patent number of this document is being filed toget A. Patent Application No.(s) 	her with a new application, the execu	on date of the application is: <u>June 7, 200</u> B. Patent No.(s)			
5. Name and address of party to whom document should be mailed:	Additional numbers atta	6. Total number of applications and part	ents involved: 1		
Name: Bruce H. Bernstein Internal Address: P25098		7. Total Fee (37CFR 3.41) \$40.00 X Enclosed			
		Authorized to be charged to deposi-	account		
1950 Roland C	& BERNSTEIN, P.L.C. larke Place ate: VA ZIP: 20191	8. Deposit account number: 19 (Attach duplicate copy of this page)	0089 if paying by deposit account)		
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Bruce H. Bernstein, Reg. No. 29,02 Name of Person Signing	lief, the foregoing information is true The Sale Magnesa	and correct and any attached copy is a true of the second	e copy of the original document. 104 Date		
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PATENT REEL: 015440 FRAME: 0156

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ASSIGNMENT

WHEREAS, Shuichi TAKEUCHI, a citizen of Japan, whose post office address is c/o PENTAX Corporation, 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo, Japan, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

Optical System Of Optical Pick-Up

for which he has executed, on the same date as this assignment, an application for Letters Patent for the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043 and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No.________, filed_______) the filing date and application number of said application when known.

AND WHEREAS, PENTAX Corporation, a corporation organized and existing under the laws of Japan, whose post-office address is 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo, Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

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AND said ASSIGNOR hereby agrees to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTING The day of	MONY WHERE June			ecuted by Shu	ichi TAKEU	JCHI, this
First Witness:	·	·	•			
(Name)	hashi'	:		·	,	
6/7/ (Date)	2004				• •	
0 1777			. 3	Shuichi TAKE	AKEUCHI	<u>l</u> .
Second Witness:			•			•
Rika Mys (Name)	inomali			·		
$\frac{6/7/2}{\text{(Date)}}$	004	. •	:			