11-04-1998	
FORM PTO-1595 F 1/31/92 /0-28-99	ET U.S. DEPARTMENT OF COMMERCE
1/31/92 10-28-98	Patent and Trademark Office
To the Asst. Commissioner of Patents:	ne attached original documents.
1, Name of conveying party(ies):	Name and address of receiving party(ies):
Junichi Andoh	Name: MITSUMI ELECTRIC CO., LTD.
Additional name(s) of conveying party(ies) attached?  □ Yes  ■ No	8-8-2, Kokuryo-Cho, Chofu-shi, Tokyo JAPAN
3. Nature of conveyance:	Additional Name(s) & Address(es) attached □ Yes ■ No
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other	
Execution Date : 09/29/1998	
4. Application (number(s) or patent number(s): 09,173,395	
If this document is being filed together with a new application, the execution date of the application is: 09/28/98	
A. Patent Application No.(s) U.S. Serial No. (09/172,395)	B: Patent No.(s)
Additional numbers attached? ☐ Yes ■ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved
Brian M. Mattson, Esq. Patents+TMS A Professional Corporation 2025 West North Avenue, Suite 2B Chicago, IL 60647 Tel.: 773/772-6009	7. Total Fee (37 CFR 3.41
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9. Statement and signature:  To the best of my knowledge and belief, the foregoing is true copy of the original document.  Brian M. Mattson  Name of Person Signing  Signature	October 26 , 1998 Date  Total number of pages enclose: -3-
Mail documents to be recorded and required cover sheet information to:	
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PATENT REEL: 9581 FRAME: 0789

## ASSIGNMENT

FOR a valuable consideration, the undersigned,		
Junichi ANDOH		
All Residing c/o: Mitsumi Electric Co., Ltd. o	f 8-8-2, Kokuryo-cho, Chofu-shi, Tokyo, JAPAN	
hereby sell, assign and transfer unto Mitsumi E right, title and interest in and to a certain inver OPTICAL DISC DRIVE AND METHOD OF A SPINDLE MOTOR FOR ROTATI	lectric Co., Ltd., a Japanese corporation, the whole ation or improvement in: "OF CONTROLLING ROTATION NUMBER	
disclosed in an application for Letters Pater Patents +TMS, A Professional Corporation of C said application being identified in the office re and in our own records as <u>MTM-26-US</u> and when issued, together with all improvement continuations and reissues thereof and substitutions	hicago, Illinois, and executed of even date herewith, cords of said firm as Case No. ASM-P -98-026 in and to the United States Letters Patent therefor, as thereon and betterments thereof, all divisions, attions of or for said application, and all rights and a granted therefor, including the right to claim the	
We hereby authorize and request the Conmay be granted for said invention or improvem	nmissioner of Patents to issue the Letters Patent that ent to "MITSUMI ELECTRIC CO.,LTD	
aforesaid assignee or its assigns full and completterments of the inventions disclosed in said apport of said assignee or its assigns, at its expense, in inventions herein assigned and to be assigned, in and reissue applications; will make all rightful States Patent Office or in the Courts, and general	agree that we will promptly communicate to the olete information concerning said improvements or olication, and will cooperate at any time upon request in the procurement of patent protection to cover the cluding the execution of new, divisional, continuing oaths, will testify in any proceedings in the United ally will do everything lawfully possible to aid said to obtain, enjoy and enforce proper patent protection this document.	
DATE Sep. 29, 1998	Junichi andoh	
DATE:		
DATE:		
DATE:		
DATE		
DATE:		

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## Mobuyuki Ogasawara \*\*Xinicha Funikara

**RECORDED: 10/28/1998** 

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