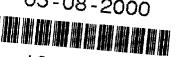
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Docket No.: 49758(904)

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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.	
Name of conveying party(ies):	2. Name and address of receiving party(ies):	
SHIGEMI MAEDA	Name: SHARP KABUSHIKI KAISHA	
	Address: 22-22 Nagaike-cho, Abeno-ku	
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Additional names(s) of conveying party(ies)	<u></u>	
3. Nature of conveyance:		
🗵 Assignment 🗆 Merger		
☐ Security Agreement ☐ Change of Name	City: Osaka State/Prov.:	
☐ Other	Country: Japan ZIP:	
Execution Date: April 10, 2000	Additional name(s) & address(es) ☐ Yes ☒ No	
4. Application number(s) or registration numbers(s):		
If this document is being filed together with a new application,	the execution date of the application is: April 10, 2000	
Patent Application No. Filing date	B. Patent No.(s)	
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	09/560613	
05/05/2000 SDAVIS 00000045 09560613		
03 FC:581 40.00 0P Additional numbers	☐ Yes ☒ No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed:		
Name: David G. Conlin	7. Total fee (37 CFR 3.41):\$ 40.00	
Registration No. 27026	☑ Enclosed - Any excess or insufficiency should be	
Address: Dike, Bronstein, Roberts & Cushman, LLP	credited or debited to deposit account	
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130 Water Street		
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9. Statement and signature.	nation is true and correct and any attached copy is a true copy	
To the best of my knowledge and belief, the foregoing in of the original document.		
David G. Conlin (Reg. No. 27026)	April 26, 2000	
Name of Person Signing Total number of pages including	Signature 2 Date	

PATENT

REEL: 010757 FRAME: 0503

ASSIGNMENT

for good and valuable consideration from SHARP KABUSHIKI KAISHA paving its principal place of business in Osaka, Japan pereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under an application for Letters Patent of the United States Serial No. filed on *signed by use for Improvements in OPTICAL DISK AND OPTICAL DISK APPARATUS Including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent. And for the above consideration we agree promptly upon request of the Assignet its successors or assigns, to execute and deliver without further compensation any owner of attorney, assignment, application, whether original, divisional, continuation reissue, or other papers which may be necessary or desirable fully to secure to the signee, its successors and assigns, the inventions and any of them described in sa application and all patent rights therein, in the United States and in any country foreign thereto. The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts the undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts the United States and Trademark Office for recordation of this document. No were to any other papers to insert on this Assignment any further identification that he had the power to insert on this Assignment any further identification that he had the power to insert on this Assignment any further identification that he had the power to insert on this Assignment of the United States and in any country that the power to insert on this Assignment of the United States and the rules of the Country with th	We Shigemi MAEDA	-
Danness Corporation, a Japaness Corporation, barelarter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under an application for Letters Patent of the mitted States Serial No filed on "signed by us for Improvements in OPTICAL DISK AND OPTICAL DISK APPARATUS Including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together ath the right to apply for such letters Patent. And for the above consideration we agree promptly upon request of the Assigne the successors or assigns, to execute and deliver without further compensation on the successors or assigns, to execute and deliver without further compensation of the resistance, its successors and assigns, the inventions and any of them described in set polication and all patent rights therein, whether original, divisional fully to severe so the successors and assigns, the inventions and any of them described in set polication and all patent rights therein, in the United States and in any country or or other papers which may be necessary or desirable in order to comply with the rules of the states and the property of the property of the set of	for good and valuable consideration from	
receivanter called the Assignee, receive to which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under an apolication for Letters Patent of the inited States Serial No. "Signed by us for Improvements in OPTICAL DISK AND OPTICAL DISK APPARATUS Including all priority rights ensuing therefrom, and the inventions and any of them chemein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together determines the trip of the above consideration we agree promptly upon request of the Assignents successors or assigns, to execute and deliver without further compensation any cover of attorney, assignment, application, whether original, invisional, continuing its reissue, or other papers which may be necessary or desirable fully to secure to together to the successors and assigns, the inventions and any of them described in application and all patent rights therein, in the United States and in any country creign thereto. The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts sushman the power to insert on this Assignment any further identification hich may be necessary or desirable in order to comply with the rules of the S. Patent and Trademark Office for recordation of this document. IN WINNESS WHEREOF, I. Shigemi MAEDA hereunto set in any further identification of the state and trademark office for recordation of this document. And I. day of hereunto set my hand and seal this day of hereunto set in the patent and Trademark Office for recordation of this document. Shigemi MAEDA hereunto set my hand and seal this day of hereunto set in the patent and trademark of the secondary of the patent and trademark of the secondary of the patent and the pate	a Tanana	
The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts ushman the power to insert on this Assignment any further identification and Trademark Office for recordation of this Assignment and Trademark Office for recordation of this Assignment and Trademark Office for recordation of this Assignment and Sale and seal this loth day of Aprill Agreement of the recordance of the foreign that the right to application of the month of the assignment of Aprill (see a consideration of the Assignment of Aprill (see a consideration) we agree promptly upon request of the Assignment is successors or assignment application, whether original, divisional, continuation reissue, or other papers which may be necessary or desirable fully to secure to the said of the Assignment and the Assignment of the Macrobian of the Assignment and the Interest. The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts ushman the power to insert on this Assignment any further identification in the Assignment and Further identification of the Assignment of the Assignment of the Assignment and Further identification of the Assignment and Further identification of the Assignment and Further identification of the Assignment of	reving its principal place of business in Osaka, pereinafter called the Assignee, receipt of which is lead, assign and transfer unto the Assignee, its succeeding to the and interest in, to and under an application of the States Serial No.	Japan Dereby acknowledged, do hereby Description for Letters Patent of the The signed by use
merenn set forth and described, and any and all latters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such latters Patent. And for the above consideration we agree promptly upon request of the Assignets successors or assigns, to execute and deliver without further compensation any cover of attorney, assignment, application, whether original, divisional, continuation reissue, or other papers which may be necessary or desirable fully to secure to the signee, its successors and assigns, the inventions and any of them described in salpplication and all patent rights therein, in the United States and in any country oreign thereto. The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts unshman the power to insert on this Assignment any further identification hich may be necessary or desirable in order to comply with the rules of the incomplete of the comply with the rules of the incomplete of the incomplete of the complete of the complete of the complete of the day of April 1, 2000, I, hereunto set and and seal this day of the day of April 1, 2000, I, hereunto set and and seal this day of the complete of the day of April 1, hereunto set my hand and seal this day of the second of the complete of the	or Improvements in OPTICAL DISK AND OPTICAL DIS	K APPARATUS
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Amonwealth [State] of	its successors or assigns, to execute and deliver with cower of attorney, assignment, application, whether or or reissue, or other papers which may be necessary or assignee, its successors and assigns, the inventions a	out further compensation any riginal, divisional, continuation desirable fully to secure to the and any of them described in said
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Before me this	us,,	Shigemi Maeda
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Before me this		Notary Public
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Notary Public	ne foregoing instrument of assignment or be (her) his	The acc are accu.

*Where the application is assigned before it is filed, and hence has no Serial No., this shall be left blank.

RECORDED: 04/26/2000

PATENT REEL: 010757 FRAME: 0504