

Record AS of 7.23.98

Docket No. 48 529

12-07-1998

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PATENTS ONLY



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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):

Hiroshi Fuji Nobuo Ogata Hideaki Sato  
Shigemi Maeda Jun Akiyama  
Tomoyuki Miyake Toshiharu Inui  
Yasuo Nakata Yoshihiro Sekimoto

2. Name and address of receiving party(ies):

Name: Sharp Kabushiki Kaisha  
Address: 22-22 Nagaike-cho Abeno-ku  
Osaka 545-8522 Japan

Additional names(s) of conveying party(ies)  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

City: State/Prov.:  
Country: ZIP:

Execution Date: July 7, 1998

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:

Patent Application No. Filing date B. Patent No.(s)  
09/129,191 7/23/98

Additional numbers  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David G. Conlin, Esq.  
Registration No. 27,026  
Address: Dike, Bronstein, Roberts & Cushman LLP

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
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130 Water Street  
12/04/1998 JWATKINS 00000074 09129191

01 FC:581 40.00 DP  
City: Boston State/Prov.: MA  
Country: USA ZIP: 02109

8. Deposit account number: 408

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

George W. Neuner  
Name of Person Signing

*George W. Neuner*  
Signature

10 Nov 1998  
Date

Total number of pages including cover sheet, attachments, and

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PATENT

REEL: 9616 FRAME: 0320

08-19-1998

Docket No.: 48529

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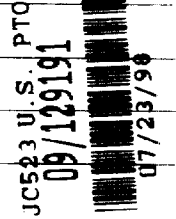
100799579

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

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Additional names(s) of conveying party(ies)  Yes  No

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Name: **Sharp Kabushiki Kaisha**  
Address: **22-22 Nagaike-cho Abeno-ku**  
**Osaka 545-8522-Japan**



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 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: **July 7, 1998**

City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_  
Country: \_\_\_\_\_ ZIP: \_\_\_\_\_  
Additional name(s) & address(es)  Yes  No

4. Application number(s) or registration numbers(s): **MRD 7.23.98**  
If this document is being filed together with a new application, the execution date of the application is: **July 7, 1998**  
Patent Application No. \_\_\_\_\_ Filing date \_\_\_\_\_  
Additional numbers  Yes  No

B. Patent No.(s) \_\_\_\_\_  
 Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **David G. Conlin, Esq.**  
Registration No. **27,026**  
Address: **Dike, Bronstein, Roberts & Cushman, LLP**  
**130 Water Street**  
City: **Boston** State/Prov.: **MA**  
Country: **U.S.A.** ZIP: **02109**

6. Total number of applications and patents involved: **1**  
7. Total fee (37 CFR 3.41):.....\$ **40.00**  
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 Authorized to be charged to deposit account  
8. Deposit account number:  
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9. Statement and signature. **40.00**  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*  
**David G. Conlin** **July 23, 1998**  
Name of Person Signing Signature Date  
Total number of pages including cover sheet, attachments, and **4**

ASSIGNMENT

We Hiroshi FUJI,  
Shigemi MAEDA,  
and Tomoyuki MIYAKE  
for good and valuable consideration from SHARP KABUSHIKI KAISHA  
a Japanese corporation,  
having its principal place of business in Osaka, Japan  
hereinafter 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 us  
for Improvements in REPRODUCING LIGHT QUANTITY CONTROL METHOD FOR OPTICAL MEMORY  
DEVICE, AND REPRODUCING LIGHT QUANTITY CONTROL DEVICE, AND OPTICAL RECORDING MEDIUM  
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 Assignee,  
its successors or assigns, to execute and deliver without further compensation any  
power of attorney, assignment, application, whether original, divisional, continuation  
or reissue, or other papers which may be necessary or desirable fully to secure to the  
Assignee, its successors and assigns, the inventions and any of them described in said  
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 &  
Cushman 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.

IN WITNESS WHEREOF, I, Hiroshi FUJI, hereunto set my  
hand and seal this 7th day of July, 1998, I, Shigemi  
MAEDA, hereunto set my hand and seal this 7th day of July  
1998, and I, Tomoyuki MIYAKE, hereunto set my hand and seal  
this 7th day of July, 1998.

Hiroshi Fuji  
Shigemi Maeda  
Tomoyuki Miyake

Commonwealth [State] of \_\_\_\_\_  
County of \_\_\_\_\_ ss.

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared  
\_\_\_\_\_, who is to me personally known, and acknowledged  
the foregoing instrument of assignment to be [her] his free act and deed.

\_\_\_\_\_  
Notary Public

Commonwealth [State] of \_\_\_\_\_  
County of \_\_\_\_\_ ss.

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared  
\_\_\_\_\_, who is to me personally known, and acknowledged  
the foregoing instrument of assignment to be [her] his free act and deed.

\_\_\_\_\_  
Notary Public

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

ASSIGNMENT

We Yasuo NAKATA  
Nobuo OGATA  
and Jun AKIYAMA  
for good and valuable consideration from SHARP KABUSHIKI KAISHA  
, a Japanese corporation,  
having its principal place of business in Osaka, Japan  
hereinafter 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 us  
for Improvements in REPRODUCING LIGHT QUANTITY CONTROL METHOD FOR OPTICAL MEMORY  
DEVICE, AND REPRODUCING LIGHT QUANTITY CONTROL DEVICE, AND OPTICAL RECORDING MEDIUM  
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 Assignee,  
its successors or assigns, to execute and deliver without further compensation any  
power of attorney, assignment, application, whether original, divisional, continuation  
or reissue, or other papers which may be necessary or desirable fully to secure to the  
Assignee, its successors and assigns, the inventions and any of them described in said  
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 &  
Cushman 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.

IN WITNESS WHEREOF, I, Yasuo NAKATA, hereunto set my  
hand and seal this 7th day of July, 1998, I, Nobuo  
OGATA, hereunto set my hand and seal this 7th day of July  
1998, and I, Jun AKIYAMA, hereunto set my hand and seal  
this 7th day of July, 1998.

Yasuo Nakata  
Nobuo Ogata  
Jun Akiyama

Commonwealth [State] of \_\_\_\_\_  
County of \_\_\_\_\_ ss.

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared  
\_\_\_\_\_, who is to me personally known, and acknowledged  
the foregoing instrument of assignment to be [her] his free act and deed.

\_\_\_\_\_  
Notary Public

Commonwealth [State] of \_\_\_\_\_  
County of \_\_\_\_\_ ss.

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared  
\_\_\_\_\_, who is to me personally known, and acknowledged  
the foregoing instrument of assignment to be [her] his free act and deed.

\_\_\_\_\_  
Notary Public

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

A S S I G N M E N T

We Toshiharu INUI,  
Yoshihiro SEKIMOTO,  
and Hideaki SATO  
for good and valuable consideration from SHARP KABUSHIKI KAISHA  
, a Japanese corporation,  
having its principal place of business in Osaka, Japan,  
hereinafter 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  
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Cushman 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.

IN WITNESS WHEREOF, I, Toshiharu INUI, hereunto set my  
hand and seal this 7th day of July, 1998, I, Yoshihiro  
SEKIMOTO, hereunto set my hand and seal this 7th day of July  
1998, and I, Hideaki SATO, hereunto set my hand and seal  
this 7th day of July, 1998.

Toshiharu Inui  
Yoshihiro Sekimoto  
Hideaki Sato

Commonwealth [State] of \_\_\_\_\_  
County of \_\_\_\_\_ ss.

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared  
\_\_\_\_\_, who is to me personally known, and acknowledged  
the foregoing instrument of assignment to be [her] his free act and deed.

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Notary Public

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