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Hiroyuki KATAYAMA

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

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

Name: **Sharp Kabushiki Kaisha**

Address: **22-22, Nagaike-cho, Abeno-ku,**
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3. Nature of conveyance:

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4. Application number(s) or registration numbers(s): **09/047734**

If this document is being filed together with a new application, the execution date of the application is: **October 4, 2000**

Patent Application No.	Filing date	B. Patent No.(s)

Additional numbers Yes No

6. Total number of applications and patents involved: **1**

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

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

Name: **David G. Conlin**

Registration No. **27,026**

Address: **Dike, Bronstein, Roberts & Cushman, Intellectual Property Practice Group, EDWARDS & ANGELL, LLP,**
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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.

David G. Conlin (Reg. No. 27,026) _____
Name of Person Signing Signature **October 3, 2000** Date

Total number of pages including cover sheet, attachments, and **2**

A S S I G N M E N T

We Hiroyuki KATAYAMA,
and
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 MAGNETIC STORAGE MEDIUM AND METHOD OF RECORDING AND
REPRODUCTION USING THE SAME
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, Hiroyuki KATAYAMA, hereunto set my
hand and seal this 28th day of August, 2000 I, _____,
_____, hereunto set my hand and seal this _____ day of _____,
and I, _____, hereunto set my hand and seal
this _____ day of _____.

Hiroyuki Katayama

Commonwealth [State] of _____ ss.
County of _____

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 _____ ss.
County of _____

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,
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