RECORDATES FOR

Atty. Docket No.: 0020-5124P

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08-28-2003



To the Director of the U.S. I Please record the attached orig	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
[FAMILY NAME (ALL CAPS), Given Name]	Name: HITACHI MAXELL, LTD.
KUSE, Sadamu	Internal Address:
DOI, Tsugihiro	
INOUE, Tetsutaro	Street Address: 1-88, Ushitora 1-chome
KISHIMOTO, Mikio	City: Ibaraki-shi State: Osaka ZIP:
SASAKI, Yuji	Country: Japan Postal Code: 567-8567
Additional name(s) of conveying party(ies) attached?	Additional name(s) & address(es) attached? YES N
YES NO	
3. Nature of conveyance:	
☐ Security Agreement ☐ Change of Name	
Other:	
Execution Date: April 21, April 22, April 22, April 21, April	
21 and April 21, 2003, respectively	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the	he execution date of the application is:
A. Patent Application No(s).	B. Patent No.(s).
10/389,880	
Additional numbers attac	ched? YES NO
5. Name and address of party to whom correspondence	6. Total No. of applications/patents involved: one (1)
concerning document should be mailed:	7. Total fee (37 C.F.R. § 3.41): \$40.00
Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP	□ Enclosed
Street Address: P.O. BOX 747	Authorized to be charged to deposit account,
City: FALLS CHURCH State: VA ZIP: 22040-0747	if no fee attached.
Country: USA	8. Deposit account number: <u>02-2448</u>
	(Attach triplicate copy of this page
	if paying by deposit account)
	E THIS SPACE
9. Statement and signature.	
	()
Joseph A. Kolasch, #22,463	August 25, 2003
Name of Person Signing/Reg. No.	Signature Date
Total number of pages including cover sl	heet, attachments, and document: four (4)
2003 FENDER 00000134 10389880	
2003 ECOOPER \ 00000134 10389880	JAK

PATENT

REEL: 014423 FRAME: 0487

(Rev. 04/30/03)

Atty. Docket No.: 0020-5124P

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Attachment to RECORDATION FORM COVER SHEET		
Continuation of Box 1Name of conveying party(ies):		
WATANABE, Hideaki		
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,		
,		
,		
,		
,		
Continuation of Box 2Name and address of receiving party(ies):		
Continuation of Box 4Application number(s) or patent number(s):		

PATENT REEL: 014423 FRAME: 0488

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No. 10/389,880

Filed March 18, 2003

		me r(s)	` '

(Given Name FAMILY NAME (ALL CAPS))

WHEREAS,	Sadamu KUSE	; Tsugihiro DOI
Tetsutaro INOUE	Mikio KISHIMOTO	Yuji SASAKI
Hideaki WATANABE		

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

Insert Title of Invention

MAGNETIC TAPE AND MAGNETIC TAPE CARTRIDE

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date of Signing of Application

April 21, 2003; April 22, 2003; April 22, 2003 on April 21, 2003; April 21, 2003; April 21, 2003; and (respectively)

Insert Name of Assignee

WHEREAS, _____ Hitachi Maxell, Ltd.

Insert Address of Assignee

1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.

CHECK BOX IF APPROPRIATE

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

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The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>April 21, 2003</u> ,	Name of Inventor Sadamu Kusa
Date April 22, 2003	(signature) Sadamu KUSE Name of Inventor Jougilio Doi (signature) Tsuqihiro DOI
Date April 22, 2003	Name of Inventor Tetrutowo Inoue
Date Apr: 121, 2003	(signature) Tetsutaro INOUE Name of Inventor Mikio Line, wido
Date April 21.2003,	(signature) Mikio KISHIMOTO
	Name of Inventor <u>Juje</u> Jasaki (signature) Yuji SASAKI Name of Inventor <u>Hideaki</u> <u>Watanake</u>
Date <u>April 21, 2003</u> ,	Name of Inventor National National (signature) Hideaki WATANABE

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RECORDED: 08/25/2003

June 2002