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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Tsuyoshi IIJIMA, Atsushi SANO and Satoshi MARUYAMA, TDK CORPORATION Name: c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, Address: 1-13-1, Nihonbashi 103-8272, JAPAN Chuo-ku Tokyo, 103-8272, JAPAN Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: ☐ Merger Assignment ☐ Security Agreement ☐ Change of Name ☐ Other Additional name(s) and address(es) attached? Tyes No Execution Date: January 9, 2004 Application number(s) or patent number(s): this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 10/606,749 Additional numbers attached?

Yes 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, th<u>e fo</u>regoing information is true and correct and any attached copy is a true copy of the original document. Daniel R. Evans Name of Person Signing Registration Number: Total number of pages including this cover shee Do not detach this portion Mail documents to be recorded with required cover sheet information to: Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services

Alexandria, Virginia. 22313

PATENT REEL: 014924 FRAME: 0289

Assignment of Application

Page 1 of 2

WHEREAS, I (WE)	Tsuyoshi IIJIMA, Atsushi SANO	and Satoshi MARUYAMA	
	of c/o TDK CORPORATION of 1	-13-1, Nihonbashi,	
	Chuo-ku, Tokyo, 103-8272, Japan	i	
			. respectively.
have invented certain t	new and useful improvements in: Litl		,
nave invented certain i	tew and useral improvements in. Dia	num secondary Buttery	
for which an application	on for Letters Patent was executed on	January 9, 2004	
(Application No. 10	/606,749 , file	d June 27, 2003), and
WHEREAS, TI	OK CORPORATION		
(hereinafter referred to	as "ASSIGNEE") having a place of	business at: 1-13-1, Nihonbashi, Chu	o-ku, Tokyo,
103-8272, Japan			

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	January 9, 2004	Signature of Inventor) Signature of Inventor) Tsuyoshi IIJIMA
-		(Signature of Inventor) Tsuyoshi IIJIMA
Date: _	January 9, 2004	Atsushi Sano
		(Signature of Inventor) Atsushi SANO
Date:	January 9, 2004	MARUYAIYA SATOSHI
_		(Signature of Inventor) Satoshi MARUYAMA
Date:		
-		(Signature of Inventor)
Date:		
Date		(Signature of Inventor)
Date: _		(C. mature of Laurentee)
		(Signature of Inventor)
Date:		
=		(Signature of Inventor)
Date:		
Date		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

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PATENT RECORDED: 01/26/2004 REEL: 014924 FRAME: 0291