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1. A. Name of conveying parties: 1) Kazuya OGAWA 2) Atsushi SANO 3) Tsuyoshi IIJIMA 4) Satoshi MARUYAMA B. Additional name(s) of conveying	; party(ies) attached? □ Yes ⊠ No	TDK CO 1-13-1, N	ddress of receiving party: RPORATION IHONBASHI, CHUO-KU, 103-8272 JAPAN	
3. A. Nature of conveyance: Assignment Security Agreement Other B. Execution Date: 1 & 2): December 7, 2005; 4) December 1		B. Additional i	name(4) & address(es) attached? □Yes ⊠ No	
4. A. Patent Application No. 10/558,556 Additional numbers attached? ☐ Yes ☒ No C. Title of Application: NONAQUEOUS ELECTROLYTIC SOLUTION AND LITHIUM-ION SECONDARY BATTERY				
Name and address of party to whom ex- concerning document should be mailed Name: James A. Oliff	orrespondence	7. Please charg	applications and patents involved: 1 ge Deposit Account No. 15-0461 the CFR 3.41) in the amount of \$40.00.	
Address: OLIFF & BERRIDGE, PL P.O. Box 19928 Alexandria, VA 2233 Phone Number: 703-836- Fax Number: 703-836-2	20 -6400		ayment or charge any underpayment to number 15-0461.	
9. Statement and signature. To the best of my knowledge and believe original document. James A. Oliff Registration No. 27,07 Linda M. Saltiel Registration No. 51,1) 75		d any attached copy is a true copy of the nuary 30, 2006	

PATENT REEL: 017219 FRAME: 0370

assigns.

	ASSIGNMENT	For Non-U.S. Clients
Whereas, I/we,		
Name	<u>Address</u>	-
	(c/o) TDK Corporation,	
1) Kazuya OGAWA	1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 Japan	
	(c/o) TDK Corporation,	
2) Atsushi SANO	1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 Japan	
	(c/o) TDK Corporation,	
3) Tsuyoshi IIJIMA	1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 Japan	· :
	(c/o) TDX Corporation,	
4) Satoshi MARUYAMA	1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 Japan	
and executed an application for otherwise indicated below:	Letters Patent of the United States of America therefor or	
filed on Whereas	November 29, 2005 , Serial No. 10/558,	556 ; and
TDK Corporation		
1-13-1, Nihoni	oashi, ro 103-8272 Japan	
patents to be obtained therefor; NOW THEREFORE, be it hereby acknowledged, I/WE, as transfer, and set over unto the a this invention and this application which may be granted thereon, Patents and Trademarks of the assigns, in accordance with the		signee, the receipt of which is et, and do hereby sell, assign, re right, title, and interest in and to ters Patent of the United States equest the Commissioner of to assignee, its successors and
AND, I/WE HEREBY furth assignee, its successors and as	ner covenant and agree that I/WE will, without further con- signs, any facts known to ME/US respecting this inventio	sideration, communicate with n and testify in any legal

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and

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REEL: 017219 FRAME: 0371

RECORDED: 01/30/2006

For Non-U.S. Clients

	A55IGNIVEN I	· :
Whereas, I/we,		
<u>Name</u>	<u>Address</u>	
	(c/o) TDK Corporation,	
1) Kazuya OGAWA	1-13-1, Nihonbashi,	
	Chuo-ku, Tokyo 103-8272 Japan (c/o) TDK Corporation,	
2) Atombi CANO	, ,	
2) Atsushi SANO	1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 Japan	
	(c/o) TDK Corporation,	
3) Tsuyoshi IIJIMA	1-13-1, Nihonbashi,	
	Chuo-ku, Tokyo 103-8272 Japan (c/o) TDK Corporation,	· · · · · · · · · · · · · · · · · · ·
A) Cotook: BRADIIVABA		
4) Satoshi MARUYAMA	1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 Japan	
·	olution and Lithium-Ion Secondary Battery or Letters Patent of the United States of Amer	ica therefor on even date herewith unless
filed on	November 29, 2005 Serial No.	10/558,556 ; and
Whereas		·
TDK Corporation 1-13-1, Niho Chuo-ku, To	onbashi, okyo 103-8272 Japan	
patents to be obtained therefore. NOW THEREFORE, be hereby acknowledged, I/WE, it transfer, and set over unto the this invention and this application which may be granted thereor	e it known that, for good and valuable consider as assignor(s), have sold, assigned, transferre assignee, its lawful successors and assigns, tion, and all divisions, and continuations there n, and all reissues thereof; and I/WE hereby a be United States to issue all Letters Patent for	ration from assignee, the receipt of which is ed, and set over, and do hereby sell, assign, MY/OUR entire fight, title, and interest in and to eof, and all Letters Patent of the United States
assignee, its successors and proceeding, sign all lawful pap desirable to perfect the title to continuation, and reissue app successors and assigns, to ob-	rther covenant and agree that I/WE will, withon assigns, any facts known to ME/US respecting the successory of this invention in said assignee, its successory illustrates, make all rightful oaths and generally obtain and enforce proper patent protection for incident to the execution of such papers shall	g this invention and testify in any legal deliver all papers that may be necessary or s and assigns, execute all divisional, do everything possible to aid assignee, its
INVENTORS	<u> </u>	DATE SIGNED
1):		
Name:	Kazuya OGAWA	
2):		,
Name:	Atsushi SANO	
3):	yoshi lyma	Dec. 1,2005
Name:	Tsuyoshi IIJIMA	• / /
4)·	-	
4): Name:	Satoshi MARUYAMA	
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