Mail Stop: RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE Assignment Recordation Services PATENTS ONLY Patent and Trademark Office Director of the U.S. Patent and Trademark Office 03-21-2006 P.O. Box 1450 Alexandria, VA 22313-1450 Attorney Docket No. 125496 103201058 Please record the attached original document or copy thereof. 1. A. Name of conveying parties: 2. A. Name and address of receiving party: [1] Kyotaro ABE TDK CORPORATION [2] Hisashi KOBAYASHI 1-13-1, NIHONBASHI, CHUO-KU [3] Shigeki SATO TOKYO 103-8272 Additional name(s) of conveying party(ies) attached? **JAPAN** ☐ Yes ☒ No Nature of conveyance: 3. A. Additional name(s) & address(es) attached? ☐Yes 🖾 No \boxtimes Assignment Security Agreement ☐ Change of Name Other_ Execution Date: [1] September 15, 2005 [2] September 13, 2005 [3] September 7, 2005 \boxtimes This document is being filed together with a new application. B. Patent No.(s) Patent Application No.(s)_ Additional numbers attached? ☐ Yes ☒ No Title of Application: GREEN SHEET COATING MATERIAL, GREEN SHEET, PRODUCTION METHOD OF GREEN SHEET AND PRODUCTION METHOD OF ELECTRONIC DEVICE Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning document should be mailed: Name: James A. Oliff Total fee (37 CFR 3.41).....\$\,\frac{40.00}{} Enclosed (Check No. 171373) Address: OLIFF & BERRIDGE, PLC Credit any overpayment or charge any underpayment to P.O. Box 19928 deposit account number 15-0461. Alexandria, VA 22320 10/05/2005 GFREY1 00000156 10550956 04 FC:8021 40.00 DP 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. Date: September 28, 2005 James A. Oliff, Registration No. 27,075 Thomas J. Pardini, Registration No. 30,411 Total number of pages including cover sheet, attachments, and document: 2

PATENT

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ASSIGNM	\mathbf{E}	ľV
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		(1)	Kyotaro ABE		(5)				
(1-8)	Insert	(2)	Hisashi KOBAYASH	I	(6)		· · · · · · · · · · · · · · · · · · ·		
•	Name(s) of Inventor(s)	(3)	Shigeki SATO		(7)	· · · · · · · · · · · · · · · · · · ·			
	•	(4)			(8)				
		each of	In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to						
(9)	Insert Name of Assignee	(9)	TDK Corporation						
(10)	Insert Address of Assignee	(10)		huo-ku Tokyo	103-8272. Japan				
	(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as								
(11)	Insert Identification	(11)			-	T, PRODUCTION METHO) OF		
	such as Title, Case		GREEN SHEET AN	D PRODUCTIO	N METHOD OF EL	ECTRONIC DEVICE			
	Number, or Foreign Application Number	(Attor	ney Docket No.)		
			ich the undersigned has (erewith or	have) executed a	n application for pate	ent in the United States of Am	erica on even		
(12)	Insert Date of	(12)							
	Signing of	on.							
	Application								
(13)	Alternative	(13)	U.S. application Ser	rial Number					
	Identification for filed applications	filed							
applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary. 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference. 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee. 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives. 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that 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. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).									
Date	>2p. 15- 2	ستنص	Inventor Sig	gnature	Kystaro	the.	(SEAL)		
Date		05	Inventor Sig	gnature	Hisashi	Kobayashi	(SEAL)		
Date	Sep. 07, 3	005	Inventor Sig	gnature	Shigeki	Sero	(SEAL)		
Date	<u> </u>		Inventor Sig	gnature			(SEAL)		
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then it sh	This assignment should prefer ould be signed before at least to	vo witne	sses who also sign here:				If neither,		
Date	Sep. 15, 200	5		Witness	anoten Su	gawara			
Date	Sep 15 . 200	5		Witness	negumi y	shimurq			

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1.	, *		ASSIGNMEN'	Т			
		(1)	Kyotaro ABE	(5)			
2 ; (1-8)	Insert	(2)	Hisashi KOBAYASHI	(6)			
	Name(s) of Inventor(s)	(3)	Shigeki SATO	(7) <u></u>			
,	(4)						
		•	In consideration of the sum of or the undersigned, each undersigned ag	ne dollar (\$1.00) and oth	er good and valuable consi y does assign, transfer and	deration paid to set over to	
(9)	Insert Name of Assignee	(9)	TDK Corporation				
(10) Insert Address of Assignee		1-13-1, Nihonbashi, Chuo-ku, Toky					
	•	entire rig in all app internation	ther designated as the Assignee) and A tht, title and interest for the United St olications for patent including any an onal, confirmation, substitute and rei nation certificates that may be grante	tates of America as defined all provisional, non-prossue application(s), and a	ed in 35 U.S.C. §100, in th ovisional, divisional, contin all Letters Patent, extension	e invention, and auation,	
(11)	Insert	(11)	(11) GREEN SHEET COATING MATERIAL, GREEN SHEET, PRODUCTION METHOD OF				
	Identification such as Title, Case	_	GREEN SHEET AND PRODUCTION METHOD OF ELECTRONIC DEVICE				
	Number, or Foreign Application Number	(Attorne	(Attorney Docket No.				
		for which date here	h the undersigned has (have) execute with or	d an application for pate	nt in the United States of A	merica on even	
(12)	Insert Date of Signing of	(12)					
	Application	on					
(13) Alternative		(13)	U.S. application Serial Number				
	Identification for filed applications	filed	·				
as the A applicat every w provisio a grant the Unit entire it binding	tions for the invention, and any assignee may deem necessary. 2) Each undersigned agreetion or continuation or division ray possible in obtaining evider. 3) Each undersigned agreems of the International Convent. 4) Each undersigned agreems of a valid United States patent. 5) Each undersigned authouted States resulting from said agreements therein assigned, and that on him and his heirs, successor. 6) Each undersigned hereb	patent(s) iss s to execute thereof, or a uce and going s to execute tion for Prote to perform to the Assign rizes and rec pplication(s) he has not e rs, assigns ar y grants the	nuests the Commissioner of the U.S. I to the said Assignee, as Assignee of executed, and will not execute, any a	th any interference which distributed thereon, for the invention any act which may be ar agreements. Cessary to obtain, maintate the entire interest, and conference power to insert on this are power to insert on this	nection with such application with may be declared concernion, and to cooperate with the necessary in connection within or confirm by reissue or effice to issue any and all Leovenants that he has full rigowith, and agrees that this a assignment any further identically.	ing any the Assignee in the claims or reexamination etters Patents of the to convey the assignment is nuification that	
	In witness whereof, execute	ed by the un	ndersigned on the date(s) opposite	the undersigned name	(s).		
Date	Sep. 15- 2	005	Inventor Signature	Lystaro	Ahe.	_ (SEAL)	
Date	Sep. 13. 2	005	Inventor Signature	Hisashi	Kobayashi	_ (SEAL)	
Date	Sep. 07.	2005	Inventor Signature	Shigaki	Saro	_ (SEAL)	
Date	,		Inventor Signature			(SEAL)	

Inventor Signature

Inventor Signature

Inventor Signature

Inventor Signature

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither,

Witness

Date

Date

Date

Date

Date

then it should be signed before at least two witnesses who also sign here:

PATENT RECORDED: 09/28/2005 REEL: 017657 FRAME: 0459

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