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10/420830

Attorney Docket No. 115788

1.	A. Name of conveying party: Naoki HANASHIMA  4-23-03	2.	A.	Name and address of receiving party: TDK CORPORATION 1-13-1, NIHONBASHI, CHUO-KU, TOKYO, 103-8272, JAPAN			
	B. Additional name(s) of conveying party(ies) attached?  ☐ Yes ☒ No						
3.	A. Nature of conveyance:		В.	Additional name(s) & address(es) attached?  ☐ Yes ☐ No			
	Security Agreement Change of Name						
	B. Execution Date: April 17, 2003						
4.	A. If this document is being filed together with a new application, the execution date of the application is: April 17, 20						
	B. Patent Application No.(s)		C.	Patent No.(s)			
	\0420830 Additional numbers attached? □ Yes ☑ No						
5.	Name and address of party to whom correspondence concerning document should be mailed:	6.	Tota	I number of applications and patents involved:			
	Name: James A. Oliff	7.	A.	Total fee (37 CFR 3.41)\$ 40.00			
			B.	Enclosed (Check No. 141577)			
	Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320			it any overpayment or charge any underpayment sit account number 15-0461.			
DBYR	ME 00000033 10420830 40.00 DP	•					
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 cop the original flocument.						
A .	James A Dliff Registration No. 27,075 Joel S. Armstrong Registration No. 36,430			Date: <u>April 23, 2003</u>			

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		(1)	Naoki HANASHIMA (5)				
(1-8)	Insert	(2)	(6)				
	Name(s) of Inventor(s)	(3)	(7)				
	21 211 311 41	(4)	(8)				
		, ,	In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set ove	paid to each			
(9)	Insert Name of Assignee	(0)	TDK Corporation				
(10)	Insert Address of Assignee	(9) (10)	1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272,	Japan			
(11)	Insert	entire in all s substi	nafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal represer right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the applications for patent including any and all provisional, non-provisional, divisional, continu- tute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination asy be granted on the invention known as OPTICAL BRANCHING CIRCUIT AND DEVICE	invention, and ation,			
()	Identification	, ,		·			
	such as Title, Case Number, or Foreign						
	Application Number	(Attorney Docket No.					
		for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or					
(12)	Insert Date of	(12)	April 17, 2003				
	Signing of Application	(12)	on	<del></del>			
(13)	Alternative	(13)	U.S. application Serial Number				
(20)	Identification for		April 23, 2003				
	filed applications	filed					
application every was provision grant of a said appliand that successors	on or continuation or division the ypossible in obtaining evidence 3) Each undersigned agrees to as of the International Convention 4) Each undersigned agrees to a valid United States patent to the 5) Each undersigned authorize ication(s) to the said Assignee, and has not executed, and will not as assigns and legal representation 6) Each undersigned hereby greecessary or desirable in order to In witness whereof, executed	ereof, or and goi execute on for Properformate Assigns and reast Assigns texecute ves. ands the comply	quests the Commissioner of Patents to issue any and all Letters Patents of the United States rulee of the entire interest, and covenants that he has full right to convey the entire interest here, any agreements in conflict herewith, and agrees that this assignment is binding on him and firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification with the rules of the United States Patent and Trademark Office for recordation of this documentersigned on the date(s) opposite the undersigned name(s).	Assignee in claims or examination a resulting from his heirs, ication that			
Date	April 17, 201	23_	Inventor Signature Naoki Hanashima	(SEAL)			
Date	<b>v</b>		Inventor Signature	(SEAL)			
Date			Inventor Signature	(SEAL)			
Date			Inventor Signature	(SEAL)			
Date			Inventor Signature	(SEAL)			
Date	, , , , , , , , , , , , , , , , , , ,		Inventor Signature	(SEAL)			
Date			Inventor Signature	(SEAL)			
Date _			Inventor Signature	(SEAL)			
	This assignment should preferal ould be signed before at least two		gned before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. ses who also sign here:	If neither,			
Date _	1-1-5-11		Witness				
Date _	1744	~~~~	Witness				

PATENT REEL: 014005 FRAME: 0959

RECORDED: 04/23/2003