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Aı	exan	dria, VA 22313-1450 		Attorney Docket No.	<u>115602</u>				
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То	tal nu	umber of pages including cover sheet, attachments, and de	ocument: 2	,					
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	B.	Additional name(s) of conveying party(ies) attached?		; ;	 				
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	В.	Execution Date: All) May 7, 2003							
4.	A. If this document is being filed together with a new application, the execution date of the application is:								
	В.	Patent Application No.(s) 10/401,566	C. Patent No.(s	s)	}				
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	Nat	mç: <u>James A. Oliff</u>	7. Please charge total fee (37 c	e Deposit Account No. CFR 3.41) in the amount	15-0461 the of \$ <u>40.00</u> .				
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	To th	ement and signature. We best of my knowledge and helief, the foregoing informating information of the second seco	uion is true and correct (and any attached copy is a	true copy of				
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ASSIGNMI

		(1)	Naoki <u>HANASHIMA</u>	(5)		
(1-8)	Insert	(2)	Tohru KINERI			
	Name(s) of Inventor(s)	(3)				
		(4)				
		• •	In consideration of the sum of one of			
			undersigned, each undersigned agre			
(9)	Insert Name of Assignce	(9)	TDK Corporation			
(10)	Insert Address of Assignee	(10)	1-13-1, Nihonbash	i, Chuo-ku	, Tokyo, 103-827	72, Japan
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(11)	Insert	(11)	OPTICAL BRANCHING	DEVICE	<u> </u>	
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	Number, or Foreign Application Number	(Attor	ney Docket No. 115602			
		for wh	ich the undersigned has (have) exec	atted an application t	for patent in the United States	of America on even
	T4 Th4	date h	erewith or		1	
(12)	Insert Date of Signing of	(12)	on			
	Application				1	
(13)	Alternative Identification for	(13)	U.S. application Serial Number	10/401,566	<u>.</u>	
	filed applications	filed	March 31, 2003			
provision grant of a said appl and that a successor	3) Each undersigned agrees to ns of the International Conventic. 4) Each undersigned agrees to a valid United States patent to the 5) Each undersigned authorize lication(s) to the said Assignee, the has not executed, and will not assigns and legal representation 6) Each undersigned hereby gracessary or desirable in order to	execute on for Properties Assign and recute to execute ves, unta the comply	quests the Commissioner of Patents nee of the entire interest, and covens any agreements in conflict herewith firm of OLIFF & BERRIDGE, PLC to with the rules of the United States F	nilar agreements. ccessary to obtain, n to issue any and all) ats that he has full n th, and agrees that th he power to insert or atent and Trademar	naintain or confirm by reissue Letters Patents of the United S ght to convey the entire intere is assignment is binding on his a this assignment any further is k Office for recordation of this	or reexamination a tates resulting from at herein assigned, in and his heirs, dentification that
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Date	May 7, 200	<u>خ</u>	Inventor Signature	<u>Napki</u>	Hanashima	(SEAL)
Date _	<u> Inay 7. 200</u>	3	Inventor Signature	Tohrut	Kipper	(SEAL)
Date .			Inventor Signature	_	<u>,</u>	(SEAL)
Date _			Inventor Signature			(SEAL)
Date _	<u> </u>		Inventor Signature _	- <u></u>		(SEAL)
Date _			Inventor Signature		!	(SEAL)
Date	_ .		Inventor Signature _			(SEAL)
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hen it ob	This assignment should preferal ould be signed before at least two	bly be sig	gned before: (a) a Notary Public if v	vithin the U.S.A. (b)	a U.S. Consul if outside the $f U$	J.S.A. If neither,
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Date _	 .					
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