A/D 581	.40 U9/623808
FORM PTO-1595 $\mathcal{MRO}_{(Rev. 6-93)}$ $09-29-2000$ OMB No. 0651-0011 (exp. 4/94) $9/8/3$	594 Rec'd PCT/PTC 08 SEP 2000
To the Honorable Commission 101474735	rd the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Frank BARTELS	Name: BARTELS MIKROTECHNIK GMBH
Additional name(s) of conveying party(ies) attached? Yes Vo	Internal Address:
3. Nature of conveyance:	
Assignment D Merger	Street Address: <u>Emil-Figge-Strasse 76</u> , D-44227 Dortmund, Germany
 Security Agreement Change of Name Other 	City: State: ZIP:
Execution Date: September 4, 2000	Additional name(s) & address(es) attached? 🗀 Yes 🎷 No
4. Application number(s) or patent number(s): //9//	623808
	on, the execution date of the application is: $\frac{\text{Sept. 4, 2000}}{2000}$
A. Patent Application No.(s)	B. Patent No.(s)
9/13/2000 AGIZAN 00000109 09623808	
3 FC:581	I attached? 🗆 Yes 🖬 No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: <u>KANESAKA & TAKEUCHI</u>	7. Total fee (37 CFR 3.41)\$40
Internal Address: Yusuke Takeuchi	V Enclosed
	Authorized to be charged to deposit account
Street Address:	8. Deposit account number:
1423 Powhatan Street	20-0060
City: <u>Alexandria</u> State: <u>VA</u> ZIP: 22314	(Attach duplicate copy of this page if paying by deposit account)
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<u>Yusuke Takeuchi</u>	Signature Date
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Commissioner of Patents &	h required cover sheet information to: Trademarks, Box Assignments on, D.C. 20231
	PATENT

PATENT REEL: 011110 FRAME: 0768

P00017

Assignment

Bartels

For value received, the undersigned (hereinafter assignor), hereby sells, assigns, and transfers to BARTELS MIKROTECHNIK GMBH a corporation of Germany having a place of business at Emil-Figge-Strasse 76, D-44227 Dortmund, Germany , its successors,

assigns, and legal representative (hereinafter assignee),

(a) assignor's entire right, title, and interest in and to the invention which is disclosed in the application for United States patent, which has been executed concurrently herewith, and is entitled OPTICAL SWITCH AND MODULAR SWITCHING SYSTEM

COMPRISING OPTICAL SWITCHING ELEMENTEnvented by assignor,

(b) said application and any other applications which are continuations, continuation-in-part, substitutes, or divisions of said application, and

(c) any patent or reissues of any patent that may granted thereon.

Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patents to assignee.

Frank BARTELS	HZBAS Signature	4.9.2.00
Name	Signature	Date
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PATENT REEL: 011110 FRAME: 0769

RECORDED: 09/08/2000