FORM PTO-1619A

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Mark G. Knedeisen	Mark Kneelees	9/30/99
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	Бу.	. Multiple inventors	
ASS	SIGNMENT OF INVENTI	ON (MULTIPLE INVENTORS)	
		o ASSIGNOR of the sum of One Doner good and valuable consideration	
SSIGNORS (Inventors):			
		110 George Street	
ary K. Fedder		Turtle Creek, PA 15145	USA
(type or print name	of inventors)	Address	Nationality
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u Zhu		6323 Darlington Road, 3 rd Floo Pittsburgh, PA 15217 People	
<u>u Ziiu</u>		Tittsburgh, FA 10217 Feople	S REDUDIIC OF CHINA
1111			
			
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(Assignment of Invention–Multiple Inventors [16-3.2]—page 1 of 3)

ASSIGNEE:			
Carnegie Mellon University (type or print name of ASSIGNEE)	5000 Forbes Avenue Address		
(a non-profit Pennsylvania organization) Nationality	Pittsburgh, PA 15213		
and the successors, assigns and legal representatives	of the ASSIGNEE		
(complete one o	f the following)		
and its territorial possessions	(%) interest for the United States		
(check the following box, if foreign	ા rights are also to be assigned)		
□ and in all foreign countries, including a improvements which are disclosed in the inven MICROMACHINED STRUCTURES AND DEVI			
(check and complete (a),	(b), (c), (d), (e), (f) or (g))		
and which is found in			
(a) U.S. patent application executed on even	date herewith		
(b) U.S. patent application executed on			
(c) U.S. provisional application naming the al	pove inventor(s) for the above-entitled invention		
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(d) U.S. application no.:	filed on		
(e) ☐ International application no. PCT / filed on			
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(Assignment of Invention–Multiple Inventors [16-3.2]—page 2 of 3)

(g) 🖂	and any legal equivalent thereof in a foreign country, including the right to claim priority and, in
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	continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re
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ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereur	nto set hand and seal this
WARNING: The date of signing must be the same as th	ne date of execution of the application, if item (a) was checked above.
	Draw 2711
Gary K. Fedder	1/N/2 K. Thall
(type name of Inventor)	Signature of INVENTOR
Xu Zhu	_ Slu Za
	7
	M-00-00-00-00-00-00-00-00-00-00-00-00-00
A CONTRACTOR OF THE CONTRACTOR	
☐ Notarization	n or Legalization Page Added.

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