08-14-2	003						
Form <b>PTO-1595</b> Rev. 03/01) 1025261 DMB No. 0651-0027 (exp. 5/31/2002)	(10) (10) (10)	٢		PARTMEN Patent an			]
Tab settings $\Rightarrow$ $\Rightarrow$ $\Rightarrow$ $\checkmark$ $\checkmark$ $\checkmark$	<b>V</b>					/	
To the Honorable Commissioner of Patents and Trademarks:	Please record t	ne attached o	original docum	nents or co	py thereo	f	
1. Name of conveying party(ies): Yushi KANEDA Christine SPIEGELBERG Jihong GENG Yongdan HU $\int -1 -03$	Name:	NP Photoni	s of receivir cs, Inc.			14 PTO	
vdditional name(s) of conveying party(ies) attached? 🛄 Yes 🔽 No						33.°	
3. Nature of conveyance:	-					0/0	
· ·						01-1	
	Street A	ddress:				N 	
Security Agreement Change of Name	9030 So	uth Rita Roa	d, Suite 120				
7-29-03 and	City:T	icson	State	e:	Zip:_ <sup>2</sup>	35747	
Execution Date: 08-01-03	Additional	name(s) & a	ddress(es) att	ached? 🕻	Yes	No No	
<ol> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new appl</li> <li>A. Patent Application No.(s)</li> </ol>	1	ecution dant No.(s)	ate of the a	pplicatio		gust 1, 3	
If this document is being filed together with a new appl A. Patent Application No.(s) Additional numbers at	B. Pater	nt No.(s) s 🚺 No			n is:	3	
If this document is being filed together with a new appl A. Patent Application No.(s)	B. Pater tached? 🖵 Ye	nt No.(s) s 🔀 No nber of app	lications a	nd paten	n is:_ <sup>200</sup>	3	
If this document is being filed together with a new appl A. Patent Application No.(s) Additional numbers at 5. Name and address of party to whom correspondence	B. Pater	nt No.(s) s 🔀 No nber of app	lications a	nd paten	n is:_ <sup>200</sup>	3	
If this document is being filed together with a new apple A. Patent Application No.(s) Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed:	B. Pater tached? 🖵 Ye	nt No.(s) s No nber of app (37 CFR 3	lications a	nd paten	n is:_ <sup>200</sup>	3	
If this document is being filed together with a new apple A. Patent Application No.(s) Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed: Name:	B. Pater tached? <b>G</b> Ye 6. Total nun 7. Total fee <b>X</b> Encl	nt No.(s) s 🖓 No nber of app (37 CFR 3 osed	lications a	nd paten \$_4(	n is: ts involv ).00	3 /ed: 1	
If this document is being filed together with a new apple A. Patent Application No.(s) Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Eric A. GIFFORD Internal Address:	B. Pater tached? <b>G</b> Ye 6. Total nun 7. Total fee <b>X</b> Encl	nt No.(s) her of app (37 CFR 3 osed horized to b	blications and blicat	nd paten \$_4(	n is: ts involv ).00	3 /ed: 1	
If this document is being filed together with a new apple A. Patent Application No.(s) Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Eric A. GIFFORD Internal Address:	B. Pater tached? Tre 6. Total nun 7. Total fee T. Encl Auth	nt No.(s) her of app (37 CFR 3 osed horized to b	blications and blicat	nd paten \$_4(	n is: ts involv ).00	3 /ed: 1	
If this document is being filed together with a new apple A. Patent Application No.(s) Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Eric A. GIFFORD Internal Address:	B. Pater tached? I Ye 6. Total nun 7. Total fee I Encl I Auth 8. Deposit	nt No.(s) No nber of app (37 CFR 3 osed norized to b account nu	blications and blicat	nd paten \$_40 to depos	ts involv	3 /ed: 1	
If this document is being filed together with a new appl A. Patent Application No.(s) Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Eric A. GIFFORD Internal Address:	B. Pater tached? I Ye 6. Total nun 7. Total fee I Encl Auth 8. Deposit	nt No.(s) nber of app (37 CFR 3 osed norized to b account nu licate copy o	blications and blicat	nd paten \$_40 to depos	ts involv	3 /ed: 1	
If this document is being filed together with a new apple A. Patent Application No.(s) Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Eric A. GIFFORD Internal Address:	B. Pater ttached? I Ye 6. Total num 7. Total fee I Encl Auth 8. Deposit (Attach dup	nt No.(s) nber of app (37 CFR 3 osed norized to b account nu licate copy o E	blications and 3.41) be charged imber: f this page if p	nd paten \$4( to depos	ts involv ).00	3 //ed: 1	
If this document is being filed together with a new appl A. Patent Application No.(s) Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Eric A. GIFFORD Internal Address:	B. Pater ttached? I Ye 6. Total num 7. Total fee I Encl Auth 8. Deposit (Attach dup	nt No.(s) nber of app (37 CFR 3 osed norized to b account nu licate copy o E	blications and 3.41) be charged imber: f this page if p	nd paten \$_40 to depos baying by c any attac	ts involv ).00	3 //ed: 1	

Washington, D.C. 20231

PATENT REEL: 014372 FRAME: 0504

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Yushi KANEDA, Christine SPIEGELBERG, Jihong GENG, and Yongdan HU, do hereby assign and transfer unto NP Photonics, Inc., a corporation of the State of Delaware, having its principal offices at 9030 South Rita Road, Suite 120, Tucson, Arizona, 85747, United States of America, and unto its successors, assigns and legal representatives, the entire right, title and interest to a certain invention entitled "ALL-FIBER Q-SWITCHED LASER" described, illustrated and claimed in an application for Letters Patent of the United States of America filed on August 1, 2003, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and in any division, extension, continuation, continuation-in-part or reissue thereof, said NP Photonics, Inc. bearing all patent application expenses, including attorney fees.

We also hereby assign and transfer unto said NP Photonics, Inc. the entire right, title and interest in and to said inventions and in and to applications for Letters Patent therefore in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said inventions and said applications for Letters Patent in foreign countries; we further authorize said NP Photonics, Inc. to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation, continuation-in-part or reissue, to NP Photonics, Inc. for the sole use and benefit of said NP Photonics, Inc., its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to said NP Photonics, Inc.

We agree that, when requested, we will, without charge to said NP Photonics, Inc., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and/or maintaining patents for said invention in any and all countries and for vesting title thereto in said NP Photonics, Inc., its successors, assigns and legal representatives or nominees.

We covenant with said NP Photonics, Inc., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.



Christine SPIEGELBERG	Date

	<u> </u>	· · · · · · · · · · · · · · · · · · ·
Tinong	- Geny	8/1/03
Jihong GENG	Ú	Date

Jan man	8/1/2003
Yongdan HU	Date

▽▽▽	_▽▽▽ Attorney Docket No.: NP-0079
Yushi KANEDA	Date
Christine SPIEGELBERG	07-29-03 Date
Jihong GENG	Date
Yongdan HU	Date