Form **PTO-1595** (Rev. 09/ 04) OMB No. 0651-0027 (exp. 6/30/2005)



U.S. DEPARTMENT OF COMMERCE ad States Patent and Trademark Office

913 U.S. PTO 1/069007	022806
11291 11/(

To the Director of the U.S. Patent and Trademark Office: Plea	ase record the attached documents or the new address(es) bel
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)
Mark R. AYRES (02/28/2005), Alan HOSKINS (02/28/2005), and Kevin R. CURTIS (02/28/2005)	Name: InPhase Technologies, Inc.
	Internal Address:
Execution Date(s): in parentheses after inventor name	Street Address:
Additional name(s) of conveying party(ies) attached?	lo
3. Nature of Conveyance:	2000 Pike Road
X Assignment Merger	
Security Agreement Change of Name	City: Longmont
Government Interest Assignment	
	State: Colorado
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 80501
Other	Additional name(s) & address(es) Yes X No attached:
4. Application or patent number(s):	This document is being filed together with a new application
A. Patent Application No.(s)	B. Patent No.(s)
	2. 7 2.0.11 7(3.(6)
A delikion of mouse book and a state of	
Additional numbers attache	
5. Name and address to whom correspondence concerning document should be mailed:	ed? Yes X No 6. Total number of applications and patents involved:
5. Name and address to whom correspondence	6. Total number of applications and
Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan	6. Total number of applications and patents involved:
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 495812007020	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 495812007020	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 495812007020	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 495812007020	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 495812007020 Street Address: 755 Page Mill Road	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 495812007020 Street Address: 755 Page Mill Road City: Palo Alto	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 495812007020 Street Address: 755 Page Mill Road City: Palo Alto State: CA Zip: 94304 Phone Number: (650) 813-5616 Fax Number: (650) 494-0792	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 03-1952
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 495812007020 Street Address: 755 Page Mill Road City: Palo Alto State: CA Zip: 94304 Phone Number: (650) 813-5616	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 495812007020 Street Address: 755 Page Mill Road City: Palo Alto State: CA Zip: 94304 Phone Number: (650) 813-5616 Fax Number: (650) 494-0792	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 03-1952
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 495812007020 Street Address: 755 Page Mill Road City: Palo Alto State: CA Zip: 94304 Phone Number: (650) 813-5616 Fax Number: (650) 494-0792 Email Address: TChan@mofo.com	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number O3-1952 Authorized User Name Thomas Chan
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 495812007020 Street Address: 755 Page Mill Road City: Palo Alto State: CA Zip: 94304 Phone Number: (650) 813-5616 Fax Number: (650) 494-0792 Email Address: TChan@mofo.com	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 03-1952
5. Name and address to whom correspondence concerning document should be mailed: Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 495812007020 Street Address: 755 Page Mill Road City: Palo Alto State: CA Zip: 94304 Phone Number: (650) 813-5616 Fax Number: (650) 494-0792 Email Address: TChan@mofo.com 9. Signature:	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number Authorized User Name Thomas Chan

pa-960208

Attorney Docket No.: 495812007020

ASSIGNMENT JOINT

THIS ASSIGNMENT, by Mark R. AYRES, Alan HOSKINS, and Kevin R. CURTIS (hereinafter referred to as the assignors), residing at 5847 S. Orchard Creek Circle, Boulder, Colorado 80301, 2675 Glencoe Street, Denver, Colorado 80207, and 4208 DaVinci Drive, Longmont, Colorado 80503, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in PROCESSING DATA PIXELS IN A HOLOGRAPHIC DATA STORAGE SYSTEM, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; and

WHEREAS, InPhase Technologies, Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 2000 Pike Road, Longmont, Colorado 80501 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all. Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

1

Attorney Docket No.: 495812007020

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

2/28/05

Date

Mark R, AYRES

2/20/04

Date

Alan HOSKINS

Date

Kevin R. CURTIS

2

pa-959099