10-28-2005

	U.S. DEPARTMENT OF COMMERCE
Docket No.: 066315-0043	Patent and Trademark Office
To the Honorable Commissioner for Patents and Trademarks: PI	109369 ease record the attached original documents or copy thereto:
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):
Sigeki HORI, Kevin CURTIS, Aaron WEGNER	Name: SANYO Electric Co., Ltd.
-	Address: 5-5, Keihanhondori 2-chome, Moriguchi-shi
Additional name(s) of conveying party(ies) attached? Yes No	Osaka, 570-0083 JAPAN
O	P
3. Nature of Conveyance:	Name: InPhase Technologies
	Address: 2000 Pike Road
Security Agreement Change of Name Other Name:	Longmont, Colorado 80501 USA
	£, **
Execution Date: October 11, 2005 September 19, 2005	
September 23, 2005 (respectively)	Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s):	Additional flame(s) & addites(es) attached: 1 es 1 es
If the document is being filed together with a new application, the	overaution data of the application is: October 11, 2005
If the document is being fried together with a new application, the	• •
	September 19, 2005
	September 23, 2005
	(respectively)
A. Patent Application No(s).	B. Patent No(s).
10/27/2005 DBYRNE 00000176 500417 11256085 \	
01 FC:8021 40.00 BA	
01 FC:8021 40.00 BA Additional numbers attack	
O1 FC:8021 40.00 BA Additional numbers attact 5. Name and address of party to whom correspondence	ched? Yes No 6. Total number of applications and patents involved:
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
O1 FC:8021 40.00 BA Additional numbers attact 5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 Enclosed
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 Enclosed
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP Internal Address:	6. Total number of applications and patents involved: 1. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number:
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP Internal Address: Street Address: 600 13th Street, N.W.	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 500417
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP Internal Address: Street Address: 600 13th Street, N.W. City: Washington State: D. C. Zip: 20005-3096	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 500417
Additional numbers attacts. 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP Internal Address: Street Address: 600 13th Street, N.W. City: Washington State: D. C. Zip: 20005-3096 DO NOT USE 7 9. Statement and signature.	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☒ Authorized to be charged to deposit account 8. Deposit account number: 500417
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP Internal Address: Street Address: 600 13th Street, N.W. City: Washington State: D. C. Zip: 20005-3096 DO NOT USE 7 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 500417
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP Internal Address: Street Address: 600 13th Street, N.W. City: Washington State: D. C. Zip: 20005-3096 DO NOT USE 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document.	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☒ Authorized to be charged to deposit account 8. Deposit account number: 500417
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP Internal Address: Street Address: 600 13th Street, N.W. City: Washington State: D. C. Zip: 20005-3096 DO NOT USE 7 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document. Arthur J. Steiner 26,106	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 500417 THIS SPACE action is true and correct and any attached copy is a true copy October 24, 2005
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP Internal Address: Street Address: 600 13th Street, N.W. City: Washington State: D. C. Zip: 20005-3096 DO NOT USE 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document. Arthur J. Steiner 26,106 Name and Registration No. of Person Signing	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 500417 THIS SPACE action is true and correct and any attached copy is a true copy October 24, 2005

PATENT REEL: 017120 FRAME: 0180 Docket No .:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1)	Sigeki Hori	(5)
(2)	Kevin Curtis	(6)
(3)	Aaron Wegner	(7)
(4)		(8)

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SANYO Electric Co., Ltd., a corporation of Japan and having an address of

5-5 Keihanhondori 2-chome, Moriguchi-shi, Osaka, Japan and

InPhase Technologies, a corporation of United States of America and having an address of 2000 Pike Road, Longmont, Colorado 80501, USA

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

OPTICAL RECORDING APPARATUS AND OPTICAL HEAD

- (a) for which an application for United States Letters Patent was filed on and identified by United States Serial No. ; or
- (b) for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

PATENT REEL: 017120 FRAME: 0181

INVENTORS 1) Shigelat Hori 2) Sigeki Hori Name: Kevin Curtis 3) P/19/2005

SIGNED on the dates indicated aside our signatures:

Name: Aaron Wegner

RECORDED: 10/24/2005

PATENT REEL: 017120 FRAME: 0182