08-29-2008

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103522	6 11 mm (1) mm (2) (4 1 mm) (4 mm)
,	Please record the attached documents or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)
Ramasubramanian Anand / 08/12/2008	Name: Tellabs Operations, Inc.
Hector Ayala / 08/08/2008	Internal Address:
Kenneth M. Fisher / 08/08/2008	
David W. Jenkins / 08/12/2008	
/	
Additional name(s) of conveying party(ies) attached? Yes No	Street Address: 1415 West Diehl Road
3. Nature of conveyance:	
☐ Assignment ☐ Merger	City: Naperville
Security Agreement Change of Name	State: Illinois
Other	Country: USA Zip: 60563
	Additional name(s) & address(es) attached?
Additional numbers at 5. Name and address of party to whom correspondence concerning	attached? Yes No 6. Total number of applications and patents involved: 1
document should be mailed:	
Name: Mark B. Solomon	7. Total Fee (37 CFR 1.21(h) & 3.41) \$40
Internal Address:	⊠ Enclosed
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.	Authorization to charge deposit account number 08-0380
Street Address: 530 VIRGINIA ROAD, P.O. BOX 9133	Previously submitted - Doc. ID No. []
City: CONCORD State: MA ZIP: 01742-9133	Authorized to charge any deficiencies or credit any overpayment to deposit account number 08-0380
Phone No. 978-341-0036 Fax No. 978-341-0136	Do not attach a copy of this page if paying by deposit account and filing via facsimile.
Email Address: Mark.Solomon@HBSR.com	Attach a copy of this page if paying by deposit account and filing via mail.
8. Mark B. Solomon Mark	B Polomo 8/15/08
Name of Person Signing	Signature Date
Total number of pages including c	over sheet, attachments, and documents: 5

08/19/2008 CNGUYEN2 00000033 12228826

61 FC:8621

40.88 GP

PATENT REEL: 021471 FRAME: 0442

Joint

ASSIGNMENT

WHEREAS, we, Ramasubramanian Anand, Hector Ayala, Kenneth M. Fisher, and David W. Jenkins, have invented a certain improvement in METHOD AND APPARATUS FOR SIMPLIFYING PLANNING AND TRACKING OF MULTIPLE INSTALLATION CONFIGURATIONS described in an application for Patent,

\boxtimes	the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR \S 1.53(b)) and design filings only);	
	is about to be filed in the United States Patent Office as a Provisional Application;	
	the specification of which is United States Application No. [], filed [];	
	the specification of which is a Patent Cooperation Treaty Application, International Application No. [], filed [], which designates the United State of America [and assigned United States Application No. []];	
	which was patented under United States Patent No. [].	

WHEREAS, Tellabs Operations, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 1415 West Diehl Road, Naperville, IL 60563 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements. treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

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AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.		
Inventor's Signature: Ramasubramanian Anand		
State/Commonwealth of Throis County of Du Rege		
On this 17 th day of August 2008, before me, the undersigned notary public, personally appeared Ramasubramanian Anand,		
personally known to me, or		
proved to me through satisfactory evidence of identification, which was		
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.		
(SEAL) OFFICIAL SEAL MARY T. McSHANE NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES SEPTEMBER 28, 2011 My Commission expires 09 / 28 / 2011		

Inventor's Signature:		
Hector Ayala		
State/Commonwealth		
of Illinois		
County of Du Page		
On this Sthematic day of August 2008, before me, the undersigned notary public, personally appeared Hector Ayala,		
personally known to me, or		
proved to me through satisfactory evidence of identification, which was		
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed. (SEAL) OFFICIAL SEAL MARY T. McSHANE NOTARY PUBLIC - STATE OF ILLINOIS NOTARY PUBLIC - STATE OF ILLINOIS		
My Commission expires september 28, 2011 My Commission expires 09 / 28 / 201		
The state of the s		
Inventor's Signature: Kenneth M. Fisher		
State/Commonwealth of Thisois County of Du Page		
On this day of 20_8, before me, the undersigned notary public, personally appeared Kenneth M. Fisher,		
personally known to me, or		
proved to me through satisfactory evidence of identification, which was		
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.		
(SEAR) OFFICIAL SEAL Notary Public many T. Mc Shane		
· · ·		
MARY T. McShave (print name)		
My Commission expires september 28, 2011 My Commission expires 09 /28 / 20		
TATA CONTINUES 07 / CO / CO /		

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Inventor's Signature:	arli	
David W. Jenkins		
State/Commonwealth		
of Thinks		
County of Durage	•	
On this 12+6 day of Acust public, personally appeared David W. Jenkir		
personally known to me, or		
proved to me through satisfactory evi	idence of identification, which was	
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed. (SEAL) Notary Public Man T Mc Sane		
S OFFICIAL SEAL S	mary T McSkawe (print name)	
MARY T. McSHANE NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES SEPTEMBER 28, 2011	My Commission expires 09/28/2011	

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