

FORM PTO-1595

1/31/92

Attorney Docket No. 11724US01

06-01-1998

:ET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office



100724225

To the Honorable Commissioner of P
thereof.

the attached original documents or copies

1. Name(s) of conveying party(ies):

Kenneth P. Laberteaux

Richard C. Younce

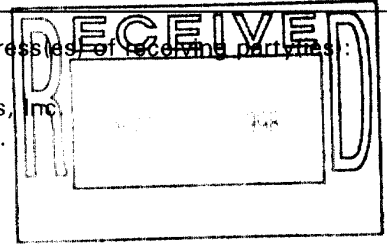
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: _____

Execution Date: 04.30.98

2. Name(s) and address(es) of receiving party(ies):

Tellabs Operations, Inc.
4951 Indiana Ave.
Lisle, IL 60532Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

08/970,230

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Lawrence M. Jarvis
McAndrews, Held & Malloy
500 West Madison Street
34th Floor
Chicago, Illinois 606616. 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

8. Deposit account number: 13-0017

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Signature and Registration Number: 27,341Date: May 15, 1998Name of Person Signing: Lawrence M. Jarvis

Total number of pages including cover sheet, attachments and document: 3

ASSIGNMENT

Attorney Case No. 11724US01
Inventor: **KENNETH P. LABERTEAUX**
RICHARD C. YOUNCE

Serial No.: 08/970,230
Filing Date: 11.14.97

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned hereby assigns to **Tellabs Operations, Inc.**, a corporation of Delaware, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled **"ECHO CANCELLER EMPLOYING DUAL-H ARCHITECTURE HAVING IMPROVED COEFFICIENT TRANSFER"** and identified as U.S.S.N. 08/970,230, filed November 14, 1997, in the United States Patent and Trademark Office, and in any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any said Letters Patent to said assignee.

The undersigned warrants himself to be the owner of the entire right, title, and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations, the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation in part, and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the

assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 5th day of April, 1998.

Kenneth P. Laberteaux
Kenneth P. Laberteaux

State of Indiana

County of St. Joseph

The foregoing instrument was acknowledged before me this 5th day of

April, 1998 by Kathryn A. Smith.

KATHRYN A SMITH
NOTARY PUBLIC STATE OF INDIANA
ST. JOSEPH COUNTY
MY COMMISSION EXP. AUG 21, 1998

Kathryn A. Smith
Notary Public

WITNESS my hand and seal this 7th day of April, 1998.

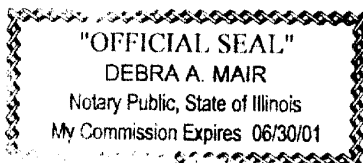
Richard C. Younce
Richard C. Younce

State of Indiana

County of St. Joseph

The foregoing instrument was acknowledged before me this 5th day of

April, 1998 by Kathryn A. Smith.



Debora A. Maier
Notary Public