

Attorney Docket No. HSE Y-764

PATENT CONVE

05-30-2000

HEET

To the Honorable Commissioner

MAD 8.23.99

Please record the attached



101333553

py thereof.

Name of conveying party(ies):

Christopher Ludeman

Name and address of receiving party(ies):

Intersil Corporation2401 Palm bay Road, Mail Stop 53-209City MelbourneState Florida Zip Code 32905

Additional name(s) of conveying party(ies) attached?

Yes ___ No x

Additional name(s) & address(es) attached?

Yes ___ No x

Nature of conveyance:

x Assignment

___ Security Agreement

Execution Date: August 19, 1999

___ Merger

___ Change of Name

Total number of applications and patents involved: 1A. Patent Application No.(s) 5.0. 09/378,962
and Filing Date(s)

B. Patent No.(s)

Filed Herewith on: August 23, 1999

Additional numbers attached?

Yes ___ No xIf this document is being filed together with a new application, the execution date of the application is: August 20, 1999

Name and address of party to whom correspondence concerning document should be mailed:

Name: L. Lawton Rogers, IIIAddress: ROGERS & KILLEEN
510 King Street, Suite 400
Alexandria, Virginia 22314

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 18-1835. A duplicate of this sheet is enclosed.

Total fee (37 C.F.R. 3.41): \$40.00

___ Enclosed

x Authorized to be charged to deposit account

05/30/2000 DC/DATES 00000290 181835 09378962

01 FC:581 40.00 CH

PATENT
REEL: 010660 FRAME: 0529

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

August 23, 1999

Date

ASSIGNMENT

(1-4) Insert Name(s) of
Inventor(s)

(1) Christopher Ludeman
(2) _____
(3) _____
(4) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations, the receipt of which is acknowledged by each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

(5) Insert name of Assignee (5) Intersil Corporation
(6) Insert address of Assignee (6) 2401 Palm Bay Road, N.E.
Mail Stop 53-209
Melbourne FL 32905

and its successors, legal representatives and assigns (hereinafter designated as the Assignee) the entire right, title and interest in the invention disclosed and/or claimed in the United States application identified below, as well as all applications for patent and any Letters Patent which may be granted therefor in the United States of America and all foreign countries, and in and to any and all divisions, continuations, continuations-in-part of said applications, or re-issues or extensions of said patents or Letters Patent, and all rights under the International Convention for the Protection of Industrial Property:

(7) Insert Identification of (7) Loop Impedance Measuring Apparatus and Method For Subscriber Loop
Interface Circuits Docket No. HSE-Y-764

Invention, such as Title,
Docket Number, or Foreign
Application Number

(8) Insert date of signing of (8) _____
application

(9) Alternative identification (9) Application Number: 09/378,962
for filed applications Filed: 8/23/99

The undersigned further agree(s) to cooperate with the Assignee in every way possible and to do all affirmative acts, and to execute all papers which counsel for Assignee shall advise are necessary and/or desirable without charge to Assignee in connection with said applications including, without limitation, the execution of

separate assignments in connection with such applications, claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to said Assignee, as Assignee of the entire interest, and hereby covenants that he/she has (they have) full right to convey the entire interest herein assigned, and that he/she has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) to L. Lawton Rogers, III, Reg. No. 24,302 and D. Joseph English, Reg. No. 42,514 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 8/19/99 Signature of Inventor Chidoma

Date 8-19-99 Signature of Inventor _____

Date _____ Signature of Inventor _____

Date _____ Signature of Inventor _____

This assignment should be signed before: (a) two witnesses; (b) a Notary Public if within the U.S.A.; or (c) a U.S. counsel if outside the U.S.A. Each witness should sign here:

Date 8-19-99 Witness Donald B. Latimer

Date 8/19/99 Witness E. T. [Signature]