

01-17-2002


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C. BERTHOUD 22

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Conveyance Type

Assignment Security Agreement

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J11046 U.S. PTO
10/041146

01/06/02

Conveying Party(ies)

Mark if additional names of conveying parties attached

Execution Date
Month Day Year
12 18 2001

Name (line 1) Charles W. Berthoud

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

10041146

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Agere Systems Inc.

Name (line 2) a Corporation of Delaware

Address (line 1) 555 Union Boulevard

Address (line 2)

Address (line 3) Allentown Pennsylvania 18109
City State/Country Zip Code

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Patent Application Number(s)			Patent Number(s)		
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT PCT

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Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

J. Joel Justiss  01/04/2002

Name of Person Signing Signature Date

ASSIGNMENT

For value received, I, Charles W. Berthoud, of Bethlehem in the County of Northampton and the State of Pennsylvania, hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, Allentown, Pennsylvania 18109, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to "A Performance Indication System for Use with a Universal Serial Bus Signal and a Method of Operation Thereof" described in an application for Letters Patent of the United States, executed by me of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Agere Systems Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Agere Systems Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Agere Systems Inc. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Inc. may designate.

I agree that, when requested, I shall, without charge to Agere Systems Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Charles W. Berthoud 12-18-01
Charles W. Berthoud

STATE OF Pennsylvania
COUNTY OF Lehigh

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On this 18th day of December, 2001, before me personally came Charles W. Berthoud, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger
Notary Public

My Commission Expires:

12/28/04

Notarial Seal
Janet M. Garger, Notary Public
Allentown, Lehigh County
My Commission Expires Dec. 28, 2004
Member, Pennsylvania Association of Notaries

Agere Systems Inc.
555 Union Boulevard
Allentown, Pennsylvania 18109