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To the honorable Commissioner of

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
John Benham
John Critchlow

2. Name and address of receiving party(ies)

Name: **Intel Corporation**

Internal Address: _____

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Date: **June 22, 2005**

Street Address: **2200 Mission College Blvd.**

City: **Santa Clara** State: **CA** Zip: **95052**

Additional 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: **June 22, 2005**

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Patrick J. Buckley**

Internal Address: **Buckley, Maschoff & Talwalkar LLC**

Street Address: **Five Elm Street**

City: **New Canaan** State: **CT** Zip: **06840**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41). \$ 40.00

☒ Enclosed - Credit Card Authorization Form

☐ Authorized to be charged to deposit account

8. Deposit account number: _____

(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.

Patrick J. Buckley

Name of Person Signing

Patrick Buckley
Signature

June 24, 2005

Date

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

Mail documents to be recorded with required cover sheet information to:
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PATENT
REEL: 016730 FRAME: 0586

ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an Assignment of the following rights, title and interest: *(check all that apply)*

☒ United States of America rights, title and interest in the invention

☒ Foreign rights, title and interest in the invention

☒ United States Patent Application Serial No.:

Date of Execution:

Date of Filing: herewith

☐ United States Provisional Patent Application No.:

☐ United States Patent No(s).:

☐ International (PCT) Patent Application Serial No.:

☐ Other (*specify*)::

TITLE OF THE INVENTION:

**ELECTROMAGNETIC COUPLER WITH DIRECT CURRENT SIGNAL
DETECTION**

Inventors (*assignors*)

Name

Address

John Benham

11 Barbara Road, Hopkinton, MA 01748

John Critchlow

34 Sunset Drive, Northborough, MA 01532

Assignee

Name

Address

Intel Corporation

2200 Mission College Blvd., Santa Clara, CA 95052 US

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to **Intel Corporation**, 2200 Mission College Blvd., Santa Clara, CA 95052 US;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

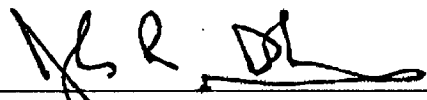
We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

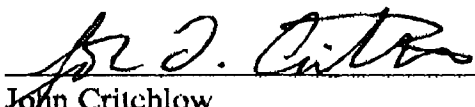
And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures

6/22/05
Date


John Berham

6/22/05
Date


John Critchlow