

12-09-2004

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Atty Docket: 43315-203224

To the Patent Office 102898250

Records: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Anders RISBERG
Robert MAJANEN
Xiaohong JIN
Mattias REHNMAN

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

2. Name and address of receiving party(ies)

ABB AB

Street Address:

City: Västerås State/Country: SWEDEN

Zip: S-721 83

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other - Change of Assignor

Execution Date: October 8, 2004 (X. Jin), October 11, 2004 (A. Risberg), October 14, 2004 (M. Rehnman) and October 20, 2004 (R. Majanen).

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 by the first named inventor is:

A. Patent Application No.(s) 10/493,658

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

26694
26694

PATENT TRADEMARK OFFICE

Name: VENABLE

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City: Washington State: D.C. Zip: 20004-1601

6. Total number of applications and patents involved: 1

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

- ☐ Enclosed
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22-0261

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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.

Eric J. Franklin, Reg. No.: 37,134

Name of Person Signing

Signature

October 29, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

VENABLE
ATTORNEYS AT LAW

PC Docs No.: 593224

PATENT
REEL: 016045 FRAME: 0678

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Anders RISBERG, Kamomillv. 13, S-725 91 Västerås, Sweden; Robert MAJANEN, Tenngatan 2A, S-721 83 Västerås, Sweden; Xiaohong JIN, Brudslöjevägen 7, S-722 46 Västerås, Sweden; and Mattias REHNMAN, Skyttegatan 1A, S-723 38 Västerås, Sweden, hereinafter (collectively) referred to as the assignor, has invented certain improvements relating to A SYSTEM OF INTELLIGENT DEVICES, A METHOD FOR PROVIDING SUCH A SYSTEM AND A COMPUTER DATA SIGNAL for which said assignor has caused an application for United States Letter Patent to be prepared,

- [] the inventor's declaration for said application being executed concurrently with the execution of this instrument;
- [] said application to be filed in the United States Patent and Trademark Office;
- [] said Non-Provisional application having been filed in the United States Patent and Trademark Office on _____, and given Application Number _____;
- [X] said application having been filed under the Patent Cooperation Treaty on 24 October 2002, and given Application No. PCT/SE02/01948, the United States of America having been designated.

AND WHEREAS ABB AB
 S-721 83
 Västerås, Sweden


hereinafter referred to as the assignee is desirous of acquiring the entire right, title and interest in and to said application, including any divisions and continuations thereof, and in and to said invention and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said invention and to said application, including any divisions and continuations thereof, and in any patents which may be granted therefor, including any renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said invention and said application, including any divisions and continuations thereof, and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any such patents when granted, including any renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

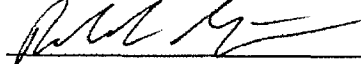
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any acts relating to the obtaining or to the asserting of said patents, including any renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 11th day of October, 2004

Signature: 
 Name: Anders RISBERG
 Address: Kamomillv. 13, S-725 91 Västerås, Sweden

EXECUTED, this 20 day of October, 2004

Signature: 
Name: Robert MAJANEN
Address: Kärrboprästgård 1, S-725 97 VÄSTERÅS, Sweden

EXECUTED, this ____ day of _____, 2004

Signature: _____
Name: Xiaohong JIN
Address: Brudslöjevägen 7, S-722 46 Västerås, Sweden

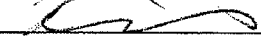
EXECUTED, this ____ day of _____, 2004

Signature: _____
Name: Mattias REHNMAN
Address: Skyttegatan 1A, S-723 38 Västerås, Sweden

EXECUTED, this ____ day of _____, 2004

Signature: _____
Name: Robert MAJANEN
Address: Tenngatan 2A, S-721 83 Västerås, Sweden

EXECUTED, this 8 day of OCT., 2004

Signature: 
Name: Xiaohong JIN
Address: Brudslöjevägen 7, S-722 46 Västerås, Sweden

EXECUTED, this ____ day of _____, 2004

Signature: _____
Name: Mattias REHNMAN
Address: Skyttegatan 1A, S-723 38 Västerås, Sweden

EXECUTED, this ____ day of _____, 2004

Signature: _____

Name: Robert MAJANEN

Address: Tenngatan 2A, S-721 83 Västerås, Sweden

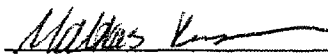
EXECUTED, this ____ day of _____, 2004

Signature: _____

Name: Xiaohong JIN

Address: Brudslöjevägen 7, S-722 46 Västerås, Sweden

EXECUTED, this 14 day of October, 2004

Signature: 

Name: Mattias REHNMAN

Address: Skyttegatan 1A, S-723 38 Västerås, Sweden