

08-25-2000



101432454

PATENT

Practitioner's Docket No. U011770-0

FEB 23 2000

JUN 15 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

NOTE: "Documents and cover sheets to be recorded should be addressed to Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231, unless they are filed together with new applications or with a petition under § 3.81(b)." 37 C.F.R. § 3.27.

ASSIGNMENT (DOCUMENT) COVER SHEET (37 C.F.R. § 3.31)

NOTE: "A cover sheet may not refer to both patents and trademarks." 37 C.F.R. § 3.31(b).

Attached please find an assignment (document) for recordal.

6-15-00

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\*  
(When using Express Mail, the Express Mail label number is **mandatory**;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

- ☒ deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10\*

- ☒ with sufficient postage as first class mail. ☐ as "Express Mail Post Office to Addressee" Mailing Label No. \_\_\_\_\_ (mandatory)

TRANSMISSION

- ☐ transmitted by facsimile to the Patent and Trademark Office

Signature

Date: February 18, 2000

Cynthia R. Miller  
(type or print name of person certifying)

**\*WARNING:** Each paper or fee filed by "Express Mail" **must** have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).  
"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

04/06/2000 DNGUYEN 00000205 09077902

01 FC:581

40.00 DP

(Assignment (Document) Cover Sheet—page 1 of 6) 16-6

PATENT  
REEL: 010896 FRAME: 0277

JUN 15 2000

**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)  
FOR ASSIGNMENT (DOCUMENT) RECORDAL**  
(37 C.F.R. § 3.21 and 37 C.F.R. § 3.31(a)(4))

NOTE: See 37 C.F.R. §3.21.

NOTE: § 3.21 does not apply to documents other than assignment. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

1. This assignment is for the following patent application and/or issued patent:

National application: SN: 09/077,902

filed on June 4, 1998

Provisional application:

filed on

International application: PCT

Patent No:

Issued:

(complete if applicable) which was previously assigned and recorded

Date June 4, 1998

Reel 9374

Frame 0827

NOTE: If an assignment of a patent application filed under § 1.53(b) is executed concurrently with, or subsequent to, the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each inventor, and title of the invention so that there can be no mistake as to the patent application intended. If an assignment of a provisional application under § 1.53(c) is executed before the provisional application is filed, it must identify the provisional application by name of each inventor and title of the invention so that there can be no mistake as to the provisional application intended. 37 C.F.R. § 3.21.

(also complete the following, if applicable)

[ ] and also for the applications and/or patents  
shown on the attached list of FURTHER  
APPLICATION(S) and/or PATENT(S) BEING ASSIGNED

Number of pages added \_\_\_\_\_

NOTE: "Where there is a listing of properties contained within a document, any listing may be copied and attached to the cover sheet to reduce the amount of typing necessary. A notation of this attachment can be made in lieu of entering every property identification number on the cover sheet." Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

**TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS  
AND TOTAL FEE**

NOTE: All requests to record documents must be accompanied by the appropriate fee; a fee is required for each application or patent against which the document is recorded as identified in the cover sheet. The recording fee is set in § 1.21(h). 37 C.F.R. §3.41.

2. A. The total number of applications and/or patents identified in this cover sheet is 1

B. The total fee is (37 C.F.R. § 1.21(h)):

1  
Total number of applications  
and/or patents

x \$40.00 = \$ 40.00

(Assignment (Document) Cover Sheet—page 2 of 6) 16-6

**PATENT**  
**REEL: 010896 FRAME: 0278**

JUN 15 2000

Payment of fee is made by:

☒ the attached check for \$ 40.00.

☐ Please charge Account \_\_\_\_\_  
the sum of \$ \_\_\_\_\_.

A duplicate of this cover sheet is attached.

Please charge Account 12-0425 for any fee deficiency or credit to account any overpayment.

**NAME OF PARTY(IES) CONVEYING INTEREST**

(37 C.F.R. § 3.31(a)(1))

*NOTE* "The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the documents." Notice of June 24, 1992 (1140 O.G. 63-72, at 65); M.P.E.P. § 302.07, 6th ed.

3. The party(ies) conveying interest is (are):

Name 1: CONENOR OY

Name 2:

Name 3:

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST**

(37 C.F.R. § 3.31 (a)(2))

4. The rights are being conveyed to:

Name: Uponor Innovation AB  
Address: Industrivagen, S-51381 Fristad  
Sweden

**DESCRIPTION OF INTEREST CONVEYED OR  
TRANSACTION RECORDED (37 C.F.R. § 3.31 (a)(3))**

5. The accompanying document intends to accomplish:

- ☒ an assignment.
- ☐ a security agreement.
- ☐ a merger.
- ☐ a license.
- ☐ a change of name.
- ☐ a change of address.
- ☐ other:

JUN 1 5 2000

**NAME AND ADDRESS OF PARTY TO WHOM  
CORRESPONDENCE SHOULD BE MAILED (37 C.F.R. § 3.31 (a)(5))**

6. Please address correspondence to:

Name: Cynthia R. Miller  
Address: 26 W. 61<sup>st</sup> Street  
New York, NY 10023  
Telephone No.: (212) 708-1914

**DATE ASSIGNMENT (DOCUMENT) EXECUTED  
(37 C.F.R. § 3.31(a)(7))**

7. A. ☐ The attached assignment (document) was executed on January 11, 2000  
Date

OR *If there is more than one conveying party who executed on different dates, indicate the date of execution of the assignment document for each conveying party.*

B. ☐ The attached assignment was executed by \_\_\_\_\_  
Name  
on \_\_\_\_\_ .  
Date

☐ The attached assignment was executed by \_\_\_\_\_  
Name  
on \_\_\_\_\_ .  
Date

☐ The attached assignment was executed by \_\_\_\_\_  
Name  
on \_\_\_\_\_ .  
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on \_\_\_\_\_ .  
Date

☐ The attached assignment was executed by \_\_\_\_\_  
Name  
on \_\_\_\_\_ .  
Date

(Assignment (Document) Cover Sheet—page 4 of 6) 16-6

## LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

*NOTE: "The Office will accept and record non-English language documents only if accompanied by an English translation signed by the individual making the translation," 37 C.F.R. § 3.26.*

8. The attached document:

☒ is in the English language.

☐ is not in the English language and an English translation signed by the individual making the translation is attached.

## ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

*NOTE: See 37 C.F.R. § 3.24.*

9. Submitted herewith is:

☒ the original document.

☐ a true copy of the original document, which I certify to be a true copy.

*NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. § 3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76, at 67.*

*NOTE: "Certification shall be made by the person submitting a copy of an original document that the document submitted is a true copy of the original. The certification is not required to be in an oath or declaration form." M.P.E.P., 6th ed., § 302.01.*

## ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF ADDRESS

*(check item, if applicable)*

10. ☐ Because the purpose of the attached documents is to record a change of address of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

## ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME

*(check item, if applicable)*

11. ☐ Because the purpose of the attached documents is to record a change of name of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

# CHANGE OF PATENT MAINTENANCE FEE ADDRESS

(check item, if applicable)

12. ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent to the Office separately.

## STATEMENT (37 C.F.R. § 3.31(a)(9)) AND SIGNATURE (37 C.F.R. § 3.31(a)(10))

13. 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.

NOTE: "The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the document." Notice of June 24, 1992, 1140 O.G. 63-76, at 65; M.P.E.P. § 302.07 6th ed.

Date: February 18, 2000

\_\_\_\_\_  
Name of party submitting document

\_\_\_\_\_  
Signature of party submitting document

(complete the following, if the party submitting the document is applicant's attorney)

  
\_\_\_\_\_  
SIGNATURE OF PRACTITIONER

Reg. No.: 34,678

\_\_\_\_\_  
Cynthia R. Miller

(type or print name of practitioner)

\_\_\_\_\_  
Ladas & Parry

\_\_\_\_\_  
26 W. 61<sup>st</sup> Street

\_\_\_\_\_  
P.O. Address

\_\_\_\_\_  
New York, NY 10023

Tel. No.: (212) 708-1914

Customer No.:

## TOTAL NUMBER OF PAGES BEING SUBMITTED

14. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

\_\_\_\_\_  
7  
Total number of pages submitted

(Assignment (Document) Cover Sheet—page 6 of 6) 16-6

02/28/00

04-07-2000

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FEB 29 2000

Practitioner's Docket No. U011770-0



101308454

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

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Attached please find an assignment (document) for recordal.

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\*  
(When using Express Mail, the Express Mail label number is mandatory.  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

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☒ deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10\*

☒ with sufficient postage as first class mail.

☐ as "Express Mail Post Office to Addressee"  
Mailing Label No. \_\_\_\_\_ (mandatory)

TRANSMISSION

☐ transmitted by facsimile to the Patent and Trademark Office

Signature

Date: February 18, 2000

Cynthia R. Miller  
(type or print name of person certifying)

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04/06/2000 DMSUYEN 00000205 09077902

01 FC:581

40.00 OP

(Assignment (Document) Cover Sheet—page 1 of 6) 16-6

**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)  
FOR ASSIGNMENT (DOCUMENT) RECORDAL**  
(37 C.F.R. § 3.21 and 37 C.F.R. § 3.31(a)(4))

NOTE: See 37 C.F.R. §3.21.

NOTE: § 3.21 does not apply to documents other than assignment. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

1. This assignment is for the following patent application and/or issued patent:  
National application: SN: 09/077,902 filed on June 4, 1998  
Provisional application: filed on \_\_\_\_\_  
International application: PCT  
Patent No: Issued: \_\_\_\_\_  
(complete if applicable) which was previously assigned and recorded

Date \_\_\_\_\_ Reel \_\_\_\_\_  
Frame \_\_\_\_\_

NOTE: If an assignment of a patent application filed under § 1.53(b) is executed concurrently with, or subsequent to, the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each inventor, and title of the invention so that there can be no mistake as to the patent application intended. If an assignment of a provisional application under § 1.53(c) is executed before the provisional application is filed, it must identify the provisional application by name of each inventor and title of the invention so that there can be no mistake as to the provisional application intended. 37 C.F.R. § 3.21.

(also complete the following, if applicable)

[ ] and also for the applications and/or patents  
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Number of pages added \_\_\_\_\_

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2. A. The total number of applications and/or patents identified in this cover sheet is 1  
B. The total fee is (37 C.F.R. § 1.21(h)):

1 x \$40.00 = \$ 40.00  
Total number of applications  
and/or patents

(Assignment (Document) Cover Sheet—page 2 of 6) 16-6



C. Payment of fee is made by:

☒ the attached check for \$ 40.00.

☐ Please charge Account \_\_\_\_\_

the sum of \$ \_\_\_\_\_.

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3. The party(ies) conveying interest is (are):

Name 1: Esko Hippelainen

Name 2: Kari Kirjavainen

Name 3: Jyri Jarvenkyla

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST**

(37 C.F.R. § 3.31 (a)(2))

4. The rights are being conveyed to:

Name: Uponor Innovation AB

Address: Industrivagen, S-51381 Fristad

Sweden

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- ☐ other:

(Assignment (Document) Cover Sheet—page 3 of 6) 16-6

**NAME AND ADDRESS OF PARTY TO WHOM  
CORRESPONDENCE SHOULD BE MAILED (37 C.F.R. § 3.31 (a)(5))**

6. Please address correspondence to:

Name: Cynthia R. Miller  
Address: 26 W. 61<sup>st</sup> Street  
New York, NY 10023  
Telephone No.: (212) 708-1914

**DATE ASSIGNMENT (DOCUMENT) EXECUTED  
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Date

OR *If there is more than one conveying party who executed on different dates, indicate the date of execution of the assignment document for each conveying party.*

B. ☐ The attached assignment was executed by \_\_\_\_\_  
Name  
on \_\_\_\_\_  
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on \_\_\_\_\_  
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(Assignment (Document) Cover Sheet—page 4 of 6) 16-6

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☐ is not in the English language and an English translation signed by the individual making the translation is attached.

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*NOTE: See 37 C.F.R. § 3.24.*

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☒ the original document.

☐ a true copy of the original document, which I certify to be a true copy.

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*(check item, if applicable)*

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## ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME

*(check item, if applicable)*

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(Assignment (Document) Cover Sheet—page 5 of 6) 16-6

## CHANGE OF PATENT MAINTENANCE FEE ADDRESS

(check item, if applicable)

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Date: February 18, 2000

\_\_\_\_\_  
Name of party submitting document

\_\_\_\_\_  
Signature of party submitting document  
(complete the following, if the party submitting the document  
is applicant's attorney)

  
SIGNATURE OF PRACTITIONER

Reg. No.: 34,678

Cynthia R. Miller

(type or print name of practitioner)

Ladas & Parry

26 W. 61<sup>st</sup> Street

P.O. Address

New York, NY 10023

Tel. No.: (212) 708-1914

Customer No.:

### TOTAL NUMBER OF PAGES BEING SUBMITTED

14. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

7  
Total number of pages submitted

(Assignment (Document) Cover Sheet—page 6 of 6) 16-6

## ASSIGNMENT

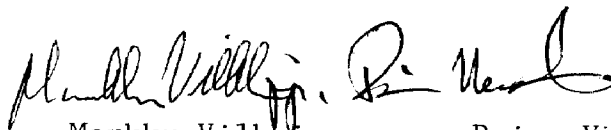
Whereas, **Conenor Oy**, a corporation organized and existing under the laws of Finland, having its principal place of business at Kimmeltie 3, FIN-02110 Espoo, Finland, holds full and exclusive right, title and interest in the United States Patent Application Serial No. 09/077,902 filed on December 12, 1996, and the invention described therein, by virtue of an assignment executed by the inventors on May 13, 20 and 28, 1998;

And whereas, **Uponor Innovation AB**, a corporation organized and existing under the laws of Sweden, and having its principal office and place of business at Industrivägen, S-51381 Fristad, Sweden, is desirous of acquiring an interest therein;

Now, therefore, in consideration of Ten Dollars (USD 10,00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **Conenor Oy**, by these presents does sell, assign and transfer unto **Uponor Innovation AB**, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the above identified patent application and to the invention described therein for the United States.

And **Conenor Oy** hereby agrees to execute any papers deemed by **Uponor Innovation AB**, its successors, assigns and legal representatives to be essential to the latter's full protection and title and to the patent application and invention hereby transferred.

**Conenor Oy**



Markku Vilkkii                      pp. Raimo Väntsi  
Managing Director

Date: 11.1.2000

Witnessed by:



Gunilla Ilmonen