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Practitioner's Docket No. U 011747-5

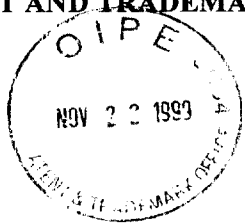


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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.

**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.

*[Handwritten Signature]*  
\_\_\_\_\_  
Signature

Date: November 18, 1999 Clifford J. Mass  
*(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.

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**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 or issued patent:

NOTE: Do NOT enter both application AND patent number.

National application: SN: 09/077,350 filed on September 4, 1998  
Provisional application: filed on  
International application: PCT  
Patent No: Issued:  
(complete if applicable) which was previously assigned and recorded

Date September 4, 1998 Reel 9457  
Frame 0922

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

C. 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: Uponsor B.V.  
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: Uponsor Innovation AB  
Address: Industrivägen, 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:

**NAME AND ADDRESS OF PARTY TO WHOM**

6. Please address correspondence to:

Name: Clifford J. Mass  
Address: c/o Ladas & Parry  
26 West 61<sup>st</sup> Street  
New York, New York 10023  
Telephone No.: (212) 708- 1890

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

7. A.  The attached assignment (document) was executed on October 8, 1999  
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 \_\_\_\_\_  
Date

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

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

## 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.

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

**PATENT**  
**REEL: 010407 FRAME: 0947**

**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: \_\_\_\_\_

\_\_\_\_\_  
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**

Clifford J. Mass  
*(type or print name of practitioner)*

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

\_\_\_\_\_  
c/o Ladas & Parry  
26 West 61<sup>st</sup> Street  
New York, N.Y. 10023

Reg. No.: 30,086

Tel. No.: (212) 708-1890

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, **Uponor B.V.**, a corporation organized and existing under the laws of the Netherlands, having its principal place of business at Strawinskylaan 3105, 7th Floor, 1077 ZX Amsterdam, the Netherlands, holds full and exclusive right, title and interest in the United States Patent Application Serial No. 09/077,350, filed on 26 May 1998, and the invention described therein, by virtue of an assignment executed by the inventor on 28 May 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;

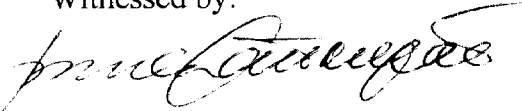
Now, therefore, in consideration of Ten Dollars (USD 10,00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **Uponor B.V.**, by these presents does sell, assign and transfer unto **Uponor Innovation AB**, its successors, assigns and legal representatives,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

And **Uponor B.V.** 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 and invention hereby transferred.


**Uponor B.V.**

Date: 8th October 1999

Witnessed by:



H.J. Wirix  
Managing Director A



Th. Spijkerman  
Managing Director B