

09-19-2001

Substitute Form PTO-1595  
Attorney Docket No.: 09294-015001  
Client's Ref. No.: VJP.AVK.P70600US1



101848317

OVER SHEET  
NLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies): Cin Smith, Goran Perica, Randy J. Bleske and Steve Kinney Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Uponor Aldyl Company 532 Hemlock Drive Hockessin, DE 19707  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: 05/22/2000; 12/28/2000; 08/14/2001; 09/07/2001			
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 09/423,955 B. Patent No(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name/address of party to whom correspondence concerning document should be mailed:  Y. ROCKY TSAO Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804		6. Total number of applications/patents involved: 1  7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account.  8. Deposit Account No.: 06-1050  Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.	
DO NOT USE THIS SPACE			
9. Statement and Signature: <i>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.</i>			
Y. Rocky Tsao Reg. No. 34,053 Name of Person Signing		 Signature	<u>9-10-01</u> Date
Total number of pages including coversheet, attachments and document: 5			

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I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

September 10, 2001  
Date of Deposit

Signature

Samantha Bell  
Typed Name of Person Signing Certificate

PATENT  
REEL: 012162 FRAME: 0060

ASSIGNMENT

For valuable consideration, we Cin Smith, of Los Altos Hills, California, United States; and Gordan Perica, of Menlo Park, California, United States; and Randy J Bleske, of San Jose, California, United States; and Steve Kinney, of Sunnyvale, California, United States hereby assign to Uponor Aldyl Company, a Delaware corporation having a place of business at 532 Hemlock Drive, Hockessin, Delaware DE 19707, United States of America and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest, including, without limitation, the right to sue for past infringement, throughout the world in inventions and improvements, which are subject of an application for United States Patent signed by us, entitled FUSION JOINTING APPARATUS, filed November 16, 1999, and assigned US Serial Number 09/423,955, this assignment including said application, any and all United States and foreign right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at SEALED SAN JOSE, CA USA  
this 22 day of May, 2000  
Cin Smith L.S.

Cin Smith



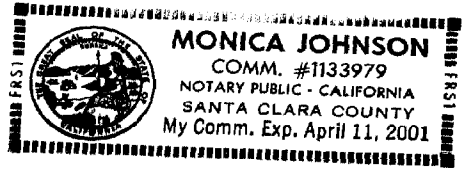
Mary L. Stahlke  
Witness  
Notary Public

\_\_\_\_\_  
Witness

IN WITNESS WHEREOF, I hereto set my hand and <sup>seal my</sup> seat at Milpitas, California  
this 28<sup>th</sup> day of December, 2000

\_\_\_\_\_  
Goran Perica L.S.

Monica Johnson  
Witness NOTARY PUBLIC



\_\_\_\_\_  
Witness

IN WITNESS WHEREOF, I hereto set my hand and seat at \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 2000

\_\_\_\_\_  
Randy J Bleske L.S.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

IN WITNESS WHEREOF, I hereto set my hand and seat at \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 2000

\_\_\_\_\_  
Steve Kinney L.S.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

IN WITNESS WHEREOF, I hereto set my hand and <sup>solely</sup> ~~seat~~ at Milpitas, California  
this 28<sup>th</sup> day of December, 2000

[Signature] L.S.  
Goran Perica

[Signature]  
Witness NOTARY PUBLIC



Witness

IN WITNESS WHEREOF, I hereto set my hand and seat at SAN JOSE, CA  
this 14 day of August, 2000

[Signature] L.S.  
Randy J Bleske

[Signature] 8/14/01  
Witness J.M. SCHROEDER

Witness

IN WITNESS WHEREOF, I hereto set my hand and seat at \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 2000

\_\_\_\_\_  
Steve Kinney L.S.

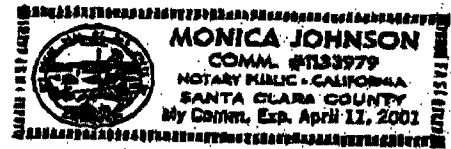
Witness

Witness

IN WITNESS WHEREOF, I hereto set my hand and <sup>and seat</sup> ~~seat~~ at Milpitas, California  
this 28th day of December, 2000

[Signature] L.S.  
Goran Perica

[Signature]  
Witness NOTARY PUBLIC



Witness

IN WITNESS WHEREOF, I hereto set my hand and seat at \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 2000

\_\_\_\_\_  
Randy J Bleske L.S.

Witness

Witness

IN WITNESS WHEREOF, I hereto set my hand and seat at Sunnyvale, CA  
this 7 day of Sept, 2000

[Signature] L.S.  
Steve Kinney

[Signature]  
Witness

[Signature]  
Witness