

10-29-2002

Attorney Docket No. 2082-00101



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U. S. DEPARTMENT OF COMMERCE

OMB No. 0651-0027 (exp. 5/31/2002)

102263762
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying parties(ies):

Matti Nurminen
Ronald Birkhoff
Anand Subramanian
Additional name(s) of conveying party(ies) attached? Yes No

10-29-02

2. Name and address of receiving party(ies):

Fortum Oyj.
P.O. Box 310
FIN-06101
Porvoo Finland

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 09/03/2002, 09/05/2002, 09/04/2002

4. Application number(s) or patent number(s): 10/235,321

If this document is being filed together with a new application, the execution date of the application is : (MM/DD/YYYY) /2002

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:

Marcella D. Watkins
CONLEY, ROSE & TAYON, P.C.
P. O. Box 3267
Houston , Texas 77253-3267

6. Total number of application and patents involved: 1

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

 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 03-2769

(Attach duplicate copy of this page if paying by deposit account)

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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

Marcella D. Watkins
Name of Person Signing

Signature

October 18, 2002
Date

Total number of pages including cover sheet, attachments, and documents 6

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

10/29/2002 LMUELLER 00000022 032769 10235321
01 FC:8021 40.00 CH

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by Fortum Oyj, the receipt and sufficiency of which are hereby acknowledged, I, Matti Nurminen along with Ronald Birkhoff and Anand Subramanian ("ASSIGNORS"), having made an invention in ENHANCING REACTION SELECTIVITY CONTROL IN ISOBUTYLENE DIMERIZATION PROCESS USING RECOVERY AND RECYCLE OF C₃ THROUGH C₆ ALCOHOL FROM ISO-OCTENE PRODUCT, while in the employ either as an employee or consultant of Fortum Oyj, a corporation organized, existing and doing business at Porvoo Finland (sometimes hereinafter called "ASSIGNEE"), does hereby ASSIGN, SELL and CONVEY to said Fortum Oyj its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in enhancing reaction selectivity control in isobutylene dimerization process using recovery and recycle of C₃ through C₆ alcohol from iso-octene product;
2. United States of America provisional patent application Serial No. 60/317,272, filed on September 5, 2001, and related U.S. regular patent application, filed concurrently herewith or as U.S. Patent Application No. 10/235,321 filed ~~September 9~~ 2002 (Attorney's File No. 2082-00101; attorney is authorized to fill in the application number and filing date after said number is assigned by the U.S. Patent and Trademark Office), both entitled "*Enhancing Reaction Selectivity Control In Isobutylene Dimerization Process Using Recovery And Recycle Of C₃ Through C₆ Alcohol From Iso-Octene Product;*"
3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible

under past, present and future laws and statutes;

6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

and I covenant that I, and my heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED in _____ on the date indicated below, opposite our signatures.

ASSIGNORS

Date: 2002 3.09.2002


Matti Nurminen

NOTARIAL CERTIFICATE

This is to certify that _____ has affixed his signature to the foregoing document in my presence.

Dated this _____ day of _____, 200__

Notary

Express Mail Label #

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by Fortum Oyj, and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Ronald Birkhoff and Anand Subramanian along with Matti Nurminen ("ASSIGNORS"), having made an invention in ENHANCING REACTION SELECTIVITY CONTROL IN ISOBUTYLENE DIMERIZATION PROCESS USING RECOVERY AND RECYCLE OF C₃ THROUGH C₆ ALCOHOL FROM ISO-OCTENE PRODUCT, while in the employ either as an employee or consultant of Fortum Oyj, a corporation organized, existing and doing business at Porvoo, Finland (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said Fortum Oyj its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in enhancing reaction selectivity control in isobutylene dimerization process using recovery and recycle of C₃ through C₆ alcohol from iso-octene product;
2. United States of America provisional patent application Serial No. 60/317,272, filed on September 5, 2001, and related U.S. regular patent application, filed concurrently herewith or as U.S. Patent Application No. 10/235,321 filed September 2002 (Attorney's File No. 2082-00101; attorney is authorized to fill in the application number and filing date after said number is assigned by the U.S. Patent and Trademark Office), both entitled "*Enhancing Reaction Selectivity Control In Isobutylene Dimerization Process Using Recovery And Recycle Of C₃ Through C₆ Alcohol From Iso-Octene Product;*"
3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible

Date: 4 SEPTEMBER 2002

Anand Subramanian
Anand Subramanian

Executed at: _____

THE STATE OF _____ §

COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared Anand Subramanian, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the _____ day of _____, 2001

[S E A L]

Notary Public in and for
the State of _____

My Commission Expires:
