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Expires 06/30/99  
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U.S. Department of Commerce  
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PTO 1619A U.S. 01/19/01



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- Assignment  Security Agreement
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Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Michael D. Ackerson

Execution Date  
Month Day Year  
Jan. 12 2001

Name (line 2) \_\_\_\_\_

Second Party

Name (line 1) Michael Steven Byars

Execution Date  
Month Day Year  
Jan. 11 2001

Name (line 2) \_\_\_\_\_

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Process Dynamics, Inc.

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) a corporation of the State of Arkansas

Address (line 1) 125 S. Bloomington, Suite A

Address (line 2) \_\_\_\_\_

Address (line 3) Lowell Arkansas 72745  
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name \_\_\_\_\_

Address (line 1) \_\_\_\_\_

Address (line 2) \_\_\_\_\_

Address (line 3) \_\_\_\_\_

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Name

Address (line 1)

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**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

#

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties**

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#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:  
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Enclosed  Deposit Account

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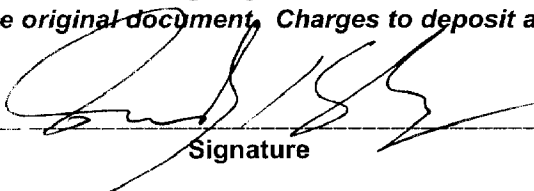
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**Statement and Signature**

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. Charges to deposit account are authorized, as indicated herein.

Grady K. Bergen, Reg. No. 37,587



January 19, 2001

Name of Person Signing

Signature

Date

**PATENT APPLICATION ASSIGNMENT**

WHEREAS, we, **Michael D. Ackerson**, having a correspondence address of 3241 Nottingham, Fayetteville, Arkansas 72701; and **Michael Steven Byars**, having a correspondence address of 2615 Hylan Park Road, Fayetteville, Arkansas 72701; have invented new and useful improvements in a

**SOLVENT EXTRACTION REFINING OF PETROLEUM PRODUCTS**

for which application is being made for Letters Patent, said application being executed by me on the date of 1/12, 2000 and further being identified by Attorney Docket No. PDYN-25413.

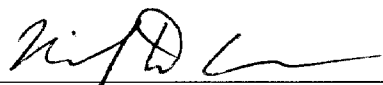
WHEREAS, PROCESS DYNAMICS, INC., a corporation of the State of Arkansas, having a correspondence address at 125 S. Bloomington, Suite A, Lowell, Arkansas 72745, is desirous of acquiring our entire right, title and interest in said application and our Letters Patent which may issue thereon:

NOW THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we hereby assign to said corporation for the territory of the United States of America and the entire world our entire right, title and interest in and to said invention, patent application and any patent which may issue thereon, including all priority rights for patent applications foreign to the United States of America.

WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, applications and patents, and we authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said corporation.

IN TESTIMONY WHEREOF, we execute this Assignment.

1/12/2001  
Date

  
\_\_\_\_\_  
**Michael D. Ackerson**

01/11/01  
Date

  
\_\_\_\_\_  
**Michael Steven Byars**