

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|---|---------------|----------------|---------------------|------------|--------------|------------|---------------|------------|-----------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Torsten BITTNER</td><td>06/26/2008</td></tr><tr><td>Holger KACHE</td><td>06/26/2008</td></tr><tr><td>Mary Ann ROTH</td><td>06/30/2008</td></tr><tr><td>Yannick SAILLET</td><td>06/30/2008</td></tr></tbody></table> | | Name | Execution Date | Torsten BITTNER | 06/26/2008 | Holger KACHE | 06/26/2008 | Mary Ann ROTH | 06/30/2008 | Yannick SAILLET | 06/30/2008 |
| Name | Execution Date | | | | | | | | | | |
| Torsten BITTNER | 06/26/2008 | | | | | | | | | | |
| Holger KACHE | 06/26/2008 | | | | | | | | | | |
| Mary Ann ROTH | 06/30/2008 | | | | | | | | | | |
| Yannick SAILLET | 06/30/2008 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| Name: | International Business Machines Corporation | | | | | | | | | | |
| Street Address: | New Orchard Rd | | | | | | | | | | |
| City: | Armonk | | | | | | | | | | |
| State/Country: | NEW YORK | | | | | | | | | | |
| Postal Code: | 10504 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12165549</td></tr></tbody></table> | | Property Type | Number | Application Number: | 12165549 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12165549 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | SVL920080046US1 (57.170) | | | | | | | | | | |
| NAME OF SUBMITTER: | Selin Kasparian | | | | | | | | | | |
| Total Attachments: 4 source=SVL920080046US1_Assign_030609#page1.tif | | | | | | | | | | | |

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PATENT
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PATENT

REEL: 022360 FRAME: 0305

ASSIGNMENT

Whereas, we

- (1) Torsten BITTNER of San Jose,
State of CA, and
County of Santa Clara
- (2) Holger KACHE of San Jose,
State of CA, and
County of Santa Clara
- (3) Mary Ann ROTH of San Jose,
State of CA, and
County of Santa Clara
- (4) Yannick SAILLET of Stuttgart,
State of DE, and
County of ***County***

have invented certain improvements in:

**DISCOVERING TRANSFORMATIONS APPLIED TO A SOURCE TABLE TO GENERATE A
TARGET TABLE**

Application No/Filing Date: I/we hereby authorize and request the attorneys of IBM, and any law firm/attorney engaged by IBM to manage this patent application, to insert here in parentheses the filing date and application number of said application when known: (_____
_____).

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM CORPORATION), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM CORPORATION, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM CORPORATION, its successors and assigns; and I hereby agree that IBM CORPORATION may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM CORPORATION.

Signed and sealed

CITY (1) at
DATE San Jose, CA
on 06/26/08
2008


Torsten BITTNER

SIGNATURE
INVENTOR

CITY (2) at
DATE San Jose, CA

SIGNATURE
INVENTOR

on 06/26/08,
2008

Holger Kache
Holger KACHE

CITY
DATE

(3) at
San Jose, CA
on 06/30/2008,
2008

SIGNATURE
INVENTOR

Mary Ann Roth
Mary Ann ROTH

CITY
DATE

(4) at

on _____,
2008

SIGNATURE
INVENTOR

Yannick SAILLET

ASSIGNMENT

Whereas, we

(1) Torsten BITTNER
of San Jose,
State of CA, and
County of Santa Clara

(2) Holger KACHE
of San Jose,
State of CA, and
County of Santa Clara

(3) Mary Ann ROTH
of San Jose,
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(4) Yannick SAILLET
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to acquire the entire right, title and interest in the said application and invention, and to any United States and
foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above
named, hereby sell, assign, and transfer to IBM CORPORATION, its successors and assigns, the entire right,
title and interest in the said application and invention therein disclosed for the United States and foreign
countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States
application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention
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CORPORATION.

Signed and sealed

CITY (1) at _____
DATE _____
on _____
2008

SIGNATURE
INVENTOR

Torsten BITTNER

CITY (2) at _____

SIGNATURE

Patent Docket: SVL920080046US1

Firm No. 0057.0170

DATE _____
on _____
2008

Holger KACHE

INVENTOR

CITY (3) at _____
DATE on _____
2008

Mary Ann ROTH

SIGNATURE
INVENTOR

CITY (4) at Bochlingen
DATE on June 30th
2008

Yannick SAILLET

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INVENTOR