

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Giora Biran</td> <td>10/15/2006</td> </tr> <tr> <td>Luis E. De La Torre</td> <td>10/05/2006</td> </tr> <tr> <td>Bernard C. Drerup</td> <td>10/05/2006</td> </tr> <tr> <td>Jyoti Gupta</td> <td>10/05/2006</td> </tr> <tr> <td>Richard Nicholas</td> <td>10/05/2006</td> </tr> </tbody> </table>		Name	Execution Date	Giora Biran	10/15/2006	Luis E. De La Torre	10/05/2006	Bernard C. Drerup	10/05/2006	Jyoti Gupta	10/05/2006	Richard Nicholas	10/05/2006
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Richard Nicholas	10/05/2006												
RECEIVING PARTY DATA													
Name:	International Business Machines Corporation												
Street Address:	New Orchard Road												
City:	Armonk												
State/Country:	NEW YORK												
Postal Code:	10504												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11621789</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11621789								
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CORRESPONDENCE DATA													
Fax Number:	(512)823-1036												
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ATTORNEY DOCKET NUMBER:	AUS920060442US1												
NAME OF SUBMITTER:	D'Ann N. Rifai												

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Total Attachments: 4
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ASSIGNMENT

Whereas, we,

- (1) **Giora Biran** of Zichron-Yaakov
and State of Israel

- (2) **Luis E. De la Torre** of Austin
County of Travis and State of Texas

- (3) **Bernard C. Drerup** of Austin
County of Travis and State of Texas

- (4) **Jyoti Gupta** of Austin
County of Travis and State of Texas

- (5) **Richard Nicholas** of Pflugerville
County of Travis and State of Texas

have invented certain improvements in

DESCRIPTOR PREFETCH MECHANISM FOR HIGH LATENCY AND OUT OF ORDER DMA DEVICE

and executed, respectively, a United States patent application therefore on

(Dates Inventors Signed Declaration) (1) 10/15, (2006); (2) _____, (2006);
(3) _____, (2006); (4) _____, (2006); (5) _____, (2006).

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), 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, we, the above named, hereby sell, assign, and transfer to IBM, 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 all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at x Haifa on x Oct 15, 2006.
(City) (Date)

x
Giora Biran

(2) Signed at _____ on _____, 2006.
(City) (Date)

Luis E. De la Torre

(3) Signed at _____ on _____, 2006.
(City) (Date)

Bernard C. Drerup

(4) Signed at _____ on _____, 2006.
(City) (Date)

Jyoti Gupta

(5) Signed at _____ on _____, 2006.
(City) (Date)

Richard Nicholas

ASSIGNMENT

Whereas, we,

- (1) Giora Biran of Zichron-Yaakov
and State of Israel
- (2) Luis E. De la Torre of Austin
County of Travis and State of Texas
- (3) Bernard C. Drerup of Austin
County of Travis and State of Texas
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(3) 10/5, (2006); (4) OCT 05, (2006); (5) OCT 05, (2006).

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(1) Signed at _____ on _____, 2006.
(City) (Date)

Giora Biran

(2) Signed at Austin on Oct 05, 2006.
(City) (Date)

Luis E. De la Torre A.
Luis E. De la Torre

(3) Signed at Austin on 10/5, 2006.
(City) (Date)

Bernard C. Drerup
Bernard C. Drerup

(4) Signed at AUSTIN on OCT 05, 2006.
(City) (Date)

Jyoti Gupta
Jyoti Gupta

(5) Signed at Austin on OCT 05, 2006.
(City) (Date)

Richard Nicholas
Richard Nicholas