

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Madhukar R. Korupolu</td> <td>05/23/2007</td> </tr> <tr> <td>Aameek Singh</td> <td>05/23/2007</td> </tr> <tr> <td>Bhuvan Bamba</td> <td>05/23/2007</td> </tr> </tbody> </table>		Name	Execution Date	Madhukar R. Korupolu	05/23/2007	Aameek Singh	05/23/2007	Bhuvan Bamba	05/23/2007
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Madhukar R. Korupolu	05/23/2007								
Aameek Singh	05/23/2007								
Bhuvan Bamba	05/23/2007								
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>11752292</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11752292				
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Application Number:	11752292								
CORRESPONDENCE DATA									
Fax Number:	(909)494-4441								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(626) 292-7743								
Email:	brad@canadylortz.com								
Correspondent Name:	Bradley Lortz								
Address Line 1:	2540 Huntington Drive								
Address Line 2:	Suite 205								
Address Line 4:	San Marino, CALIFORNIA 91108								
ATTORNEY DOCKET NUMBER:	ARC920070012US1								
NAME OF SUBMITTER:	Bradley K. Lortz								

CH \$40.00 11752292

Total Attachments: 4
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ASSIGNMENT

WHEREAS, Madhukar R. Korupolu, Aameek Singh and Bhuvan Bamba (hereinafter "Assignor(s)"), made certain new and useful inventions and improvements which are entitled **INTEGRATED PLACEMENT PLANNING IN HETEROGENEOUS STORAGE AREA NETWORK DATA CENTERS** (Docket No. ARC920070012US1/IBMCP028) and which are disclosed in:

U.S. Application filed on same date herewith and listing the above named person(s) as inventor(s);

U.S. Application Serial No. 11/752,292, filed on May 22, 2007.

AND WHEREAS, International Business Machines Corporation, New Orchard Road, Armonk, NY 10504, a corporation organized and existing under and by virtue of the laws of the State of New York, and having an office and place of business at 650 Harry Road, L2PA/J2C San Jose, CA 95120 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

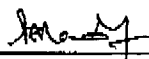
NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, Assignor(s) have sold, assigned, and transferred unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application including, but not limited to, the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and do hereby authorize and request the Commissioner for Patents to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, Assignor(s) do hereby agree that they and their executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents,

and will communicate to said Assignee, its successors and representatives all facts known to Assignor(s) relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore Assignor(s) covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor(s) and that full right to convey the same as herein expressed is possessed by Assignor(s). An attorney of record is authorized and requested by the execution of this assignment to further identify the application above in this assignment, either by indicating that the application is filed on same date herewith or by indicating and inserting into this assignment the filing date and serial number of said application when officially known.

Date: MAY 23, 2007

Signature: 
Name: Madhukar R. Korupolu

Date: _____

Signature: _____
Name: Aameck Singh

Date: _____

Signature: _____
Name: Bhuvan Bamba

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Name: Madhukar R. Korapolu

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Signature: _____

Name: Aameck Singh

Date: 05/23/2007

Signature: Bhuvan Bamba

Name: Bhuvan Bamba