| The state of the s | -16-2001 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No.: 6727/1G846-US1 |
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| | 1582265 Ints or copy thereof. |
| 1. Name of conveying party(ies): Yariv ARIDOR; Michael FACTOR; Tamar ELIAM; Assaf SCHUSTER; Avi TEPERMAN Additional name(s) of conveying party(ies) attached? [] Yes [X] No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other _ Execution Date: Dec. 7, 2000; Dec. 18, 2000, Dec. 1, 2000; Dec. 24, 2000; Dec. 10, 2000 | 2. Name and address of receiving party(ies): Name: International Business Machines Corporation Internal Address: New Orchard Road Street Address: City: Armonk State: New York Zip: 10504 Additional name(s) & address(es) attached? [] Yes [X] No |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application 7, 2000. Dec. 18, 2000; Dec. 1, 2000; Dec. 24, 2000 A. Patent Application No.(s) | Date 29 to E Tab 6 7 1 9 1 8 2 Use Patent New West addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Man Post Office to Addressee" service. |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Darby & Darby P.C. Internal Address: S. Peter Ludwig Street Address: 805 Third Avenue, 27th Floor City: New York State: New York Zip: 10022-7513 | 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41): |
| 9. Statement and signature. | THIS SPACE |
| S. Peter Ludwig (25,351) Name of Person Signing Signature | December 27, 2000 Date |

Total number of pages including cover sheet, attachments, and document:

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UNITED STATES

ASSIGNMENT

WHEREAS, the below named inventors, ASSIGNORS, have made a certain new and useful invention in:

SPECULATIVE CACHING OF INDIVIDUAL FIELDS IN A DISTRIBUTED OBJECT SYSTEM

for which a patent application specification is attached hereto and which is being executed concurrently herewith.

and WHEREAS, INTERNATIONAL BUSINESS MACHINES CORPORATION a U.S. company having a place of business at New Orchard Road, Armonk, New York, NY 10504, U.S.A., ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell. assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all the divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from the said United States application under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other International agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

ASSIGNORS authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to the issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNORS covenant and agree that they have full right to convey the entire interest herein assigned, and have not executed, and will not execute, any agreement in conflict herewith.

PATENT REEL: 011411 FRAME: 0758 AND ASSIGNORS further covenant and agree that they will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissus and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

| Full Name of first invent | or: Yariv ARIDOR | | | | |
|---|---------------------|---------------------------|--------|-------------|------------------|
| Inventor's signature | June Ar | ·m· | Date | Dec | 7, 2 |
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