

## PATENT ASSIGNMENT

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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>Bharghavan Vaduvur</td> <td>06/20/1997</td> </tr> <tr> <td>Dane Dwyer</td> <td>06/20/1997</td> </tr> </tbody> </table> |   | Name          | Execution Date | Bharghavan Vaduvur | 06/20/1997 | Dane Dwyer | 06/20/1997 |
| Name   | Execution Date                                      |               |                |                    |            |            |            |
| Bharghavan Vaduvur   | 06/20/1997  |               |                |                    |            |            |            |
| Dane Dwyer   | 06/20/1997  |               |                |                    |            |            |            |
| RECEIVING PARTY DATA   |   |               |                |                    |            |            |            |
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| PROPERTY NUMBERS Total: 1  |   |               |                |                    |            |            |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6446088</td> </tr> </tbody> </table>  |   | Property Type | Number         | Patent Number:     | 6446088    |            |            |
| Property Type  | Number  |               |                |                    |            |            |            |
| Patent Number:   | 6446088   |               |                |                    |            |            |            |
| CORRESPONDENCE DATA  |   |               |                |                    |            |            |            |
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| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>  |   |               |                |                    |            |            |            |
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| NAME OF SUBMITTER:   | J. Andrew Lowes                                     |               |                |                    |            |            |            |
| Total Attachments: 2<br>source=Assignment_6021413#page1.tif<br>source=Assignment_6021413#page2.tif   |   |               |                |                    |            |            |            |

OP \$40.00 6446088

ASSIGNMENT

Whereas, We Bharghavan Vaduvur, and Dane Dwyer, are co-inventors of an invention titled APPLICATION-DIRECTED VARIABLE-GRANULARITY CACHING AND CONSISTENCY MANAGEMENT, Letters Patent of the United States \_\_\_\_\_, issued \_\_\_\_\_, resulting from Serial No. 829,870, filed on April 1, 1997.

Whereas, the Board of Trustees of the University of Illinois, an Illinois corporation, having its principal place of business in 506 South Wright Street, Urbana, IL 61801, hereinafter called the Assignee, is desirous of acquiring our entire right, title and interest in, to and under said inventions and in, to and under said Letters Patents or similar legal protection to be obtained therefore in the United States and in any and all foreign countries

Now, Therefore, for good and valuable consideration from the Assignee, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto the Assignee, its successors and assigns, our entire right, title and interest in, to and under said applications for Letters Patents of the United States, including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration, we agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation, or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successor and assigns, the inventions and any of them described in said applications and all patent rights therein, in the United States and in any country foreign thereto.

IN WITNESS WHEREOF, I, Bharghavan Vaduvur, hereunto set my hand and seal this 20<sup>th</sup> day of JUNE, 1997; and I, Dane Dwyer, hereunto set my hand and seal this 20<sup>th</sup> day of JUNE, 1997.

Inventor name   
BHARGHAVAN VADUVUR  
Inventor name   
DANE DWYER

UUC T-96085

State of Illinois )  
 ) SS.  
County of Champaign )

Before me this 20<sup>th</sup> day of June, 1997, personally appeared BHARGHAVAN VADUVUR, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.



*Judith A. Weicherding*  
Notary Public

State of Illinois )  
 ) SS.  
County of Champaign )

Before me this 20<sup>th</sup> day of June, 1997, personally appeared DANE DWYER, who is to me personally known, and acknowledged the foregoing instrument of assignment to be his free act and deed.



*Judith A. Weicherding*  
Notary Public