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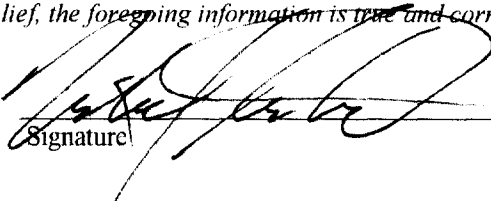
00746 U.S. PTO
10/632872
06/01/03

To the Honorable Director of Patents and Trademarks. Please record the attached original documents or copy thereof

<p>1. Name of conveying party(ies): <u>Joseph H. End, III</u></p> <p style="text-align: center; font-size: 2em;">8-1-03</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Correction of Assignment Recordation (previously recorded at Reel _____, Frame _____). <input type="checkbox"/> Other</p> <p>Execution Date: <u>July 31, 2003</u></p>	<p>2. Name and address of receiving party(ies): Name: <u>Unisys Corporation</u> Street Address: <u>Unisys Way</u> City: <u>Blue Bell</u> State: <u>PA</u> ZIP: <u>19424-0001</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>July 31, 2003</u></p> <p>A. Patent Application Number(s) _____ B. Patent Number(s) _____</p> <p>Additional number(s) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p style="text-align: right; font-size: 2em;">10632872</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Michael B. Atlass, Sr. Patent Counsel</u> <u>UNISYS Corporation</u> <u>Unisys Way</u> <u>MS/E8-114</u> <u>Blue Bell, PA 19424-0001</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): \$ <u>40.00</u></p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>19-3790</u> (Attach duplicate copy of this page if paying by deposit account.)</p>

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael B. Atlass  August 1, 2003
 Name of Person Signing Signature Date

30,606
 Registration. No.

Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion
 Mail documents to be recorded with required cover sheet information to:
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P.O. Box 1450
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Alexandria, VA 22313-1450

08/13/2003 LUMELLER 00000258 193790 10632872

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ASSIGNMENT

WHEREAS, I, **Joseph H. End, III**, residing at 2078 Bodine Road, Malvern, PA 19355; am the inventor of the invention of the patent application for United States patent identified as Docket No. TN302, filed herewith; and entitled "**DUAL ACTIVE BANK MEMORY CONTROLLER**";

WHEREAS, Unisys Corporation, a corporation of the state of Delaware having a place of business at Township Line and Union Meeting Roads, Blue Bell, Pennsylvania 19424, is desirous of acquiring the entire right, title and interest in said inventions, said application and in any patents which may be granted thereon;

NOW THEREFORE, for valuable consideration, the receipt of which is hereby acknowledged, I hereby assign, sell and transfer unto said Unisys Corporation, its successors and assigns (hereinafter "Assignee"), my entire right, title and interest in and to all inventions disclosed in said application, in and to said application and in and to any patents for the United States of America, its territories and possessions and all foreign countries resulting from said inventions and said patent application, including all divisions, continuations, reissues and extensions thereof, all rights to claim priority based thereon, all rights to file foreign applications on said inventions, and all patents, reissues and extensions thereof, issuing for said invention in the United States of America and in any and all foreign countries.

I hereby grant to Assignee the right to apply in its own name for patents corresponding to the above inventions in countries foreign to the United States, and all priority rights resulting from the above-identified United States patent application. I hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all patents that may be granted for said inventions to Assignee, and I agree that I and my successors, assigns or legal representatives thereof, shall be legally bound without additional compensation (except for any statutory fee applicable to witnesses), but without cost to me, to promptly communicate to Assignee or its representatives, all facts known to me or in my possession respecting said inventions whenever requested, to testify in any legal proceedings, to sign all lawful papers, execute all divisional, continuing and reissue applications, to make all rightful oaths and to generally aid my said Assignee, its successors and assigns, as and when requested by them, in obtaining in the name of the Assignee and in enforcing proper patent protection for said inventions on behalf of the Assignee, in the United States and all countries foreign thereto.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which conflicts, or would be in conflict, with this Assignment.

The parties hereto acknowledge that they have specifically requested the present agreement to be drawn up in the English language.

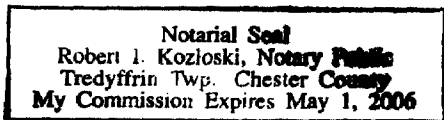
Les parties aux presentes declarent que le present acte a ete redige en anglais a leur demande expresse.

INVENTOR

Joseph H. End, III
(Inventor's Typed Name)

Joseph H End III 7-31-03
(Inventor's Signature) *(Date)*

Sworn to and subscribed before me this 31 day of JULY, 2003,
by .



Robert I Kozloski
Notary Public

(SEAL)