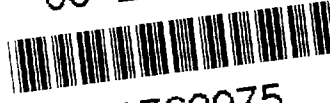


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TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS: Please record the attached original documents or copy thereof.

Submission Type <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation)-Document ID# _____ <input type="checkbox"/> Correction of PTO Error - Reel # _____ Frame # _____ <input type="checkbox"/> Corrective Document - Reel # _____ Frame # _____	Conveyance Type <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: <u>June 7, 2001</u>
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Conveying Party(ies) Thomas J. Pennello and Henry A. Davis Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Receiving Party(ies) Name: ARC Cores, Inc. Street Address: 6268 Santa Teresa Boulevard City: San Jose State: CA ZIP: 95119-1205 Additional name(s) of receiving party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Application Number(s) or Patent Number(s) <input checked="" type="checkbox"/> Application filed March 14, 2001 assigned Serial No. 09/808,612 <input type="checkbox"/> Patent Application No(s).: <input type="checkbox"/> Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Correspondent Name and Address Name: Robert F. Gazdzinski, Esq. Internal Address: GAZDZINSKI & ASSOCIATES Street Address: 3914 Murphy Canyon Road, Suite A232 City: San Diego State: CA ZIP: 92123 Telephone: (858) 505-1166	Fee Amount (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Please charge our Deposit Account No. 501423 for additional fees which may be required or credit our account for any overpayment. (A copy of this page is attached for this purpose).
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Number of Properties Enter the total number of properties involved: (1)			
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. Charges to deposit account are authorized, as indicated herein. <table><tr><td><u>Robert F. Gazdzinski</u> Name of Person Signing</td><td> Robert F. Gazdzinski; Reg. No. 39,990</td><td><u>6/19/01</u> Date</td></tr></table>	<u>Robert F. Gazdzinski</u> Name of Person Signing	 Robert F. Gazdzinski; Reg. No. 39,990	<u>6/19/01</u> Date
<u>Robert F. Gazdzinski</u> Name of Person Signing	 Robert F. Gazdzinski; Reg. No. 39,990	<u>6/19/01</u> Date	

Pages Enter the total number of pages of the conveyance document including any attachments: (2)
Mail documents to be recorded with required cover sheet information to: 06/28/2001 TDIAP1 00000004 09808612 01 FC:581 40.00 Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

PATENT
REEL: 011925 FRAME: 0605

ASSIGNMENT

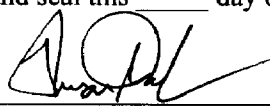
WHEREAS, We, Thomas J. Pennello, a United States citizen, residing at 130 Van Ness, Santa Cruz, California, United States and Henry A Davis, a United States citizen, residing at 3201 Browns Lane, Soquel, California, United States, have invented certain new and useful improvements in a **METHOD AND APPARATUS FOR DEBUGGING PROGRAMS IN A DISTRIBUTED ENVIRONMENT** for which we have filed an application for Letters Patent in the United States, Application No. 09/808,612, filed March 14, 2001 which claims priority benefit to provisional patent application Serial No. 60/189,521, filed March 15, 2000;

AND WHEREAS, ARC Cores, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 6268 Santa Teresa Boulevard, San Jose, California 95119-1205, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we 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 throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue 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 patent protection for said improvements in all countries.

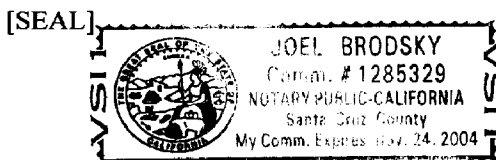
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7 day of June 2001.

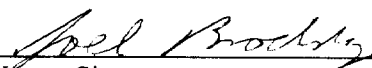

Thomas J. Pennello

STATE OF California] ss.
COUNTY OF Santa Cruz

On June 7th 2001, before me, Joel Brodsky, personally appeared Thomas J. Pennello personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.




Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7 day of June 2001.

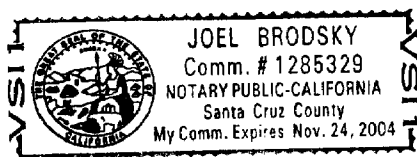
Henry A. Davis
Henry A. Davis

STATE OF California]
COUNTY OF Santa Cruz] ss.

On June 7th 2001, before me, Joel Brodsky, personally appeared Henry A. Davis personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Joel Brodsky
Notary Signature