

12-21-1999



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Name (line 1) WILLIAM A SHELLY Execution Date 9/17/1998  
Month Day Year

Name (line 2) \_\_\_\_\_

**Second Party** Execution Date 9/17/1998  
Month Day Year

Name (line 1) CHARLES P. RYAN

Name (line 2) \_\_\_\_\_

**Receiving Party**  Mark if additional names of receiving parties attached

Name (line 1) BULL INFORMATION SYSTEMS INC.  If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Address (line 1) 13430 N. BLACK CANYON HWY. B-55

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Address (line 3) PHOENIX ARIZONA 85029  
City State/Country Zip Code

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Patent Application Number(s)			Patent Number(s)		
<input type="text"/>	<input type="text" value="09/156378"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.      Month    Day    Year

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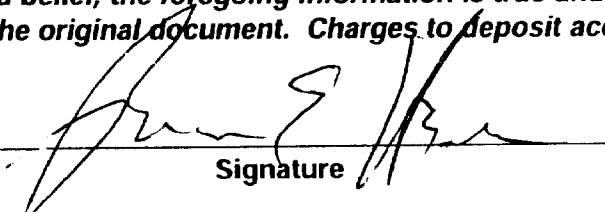
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BRUCE E. HAYDEN            9/17/1998

Name of Person Signing      Signature      Date

**ASSIGNMENT**

WHEREAS, We, William A. Shelly, residing at 4900 East Osborn Road, Phoenix, AZ 85018 and Charles P. Ryan, residing at 47017 N. Meander Road, Phoenix, AZ 85027 are the inventors of an invention or improvement in:

**METHOD AND APPARATUS FOR EXHAUSTIVELY TESTING INTERACTIONS AMONG MULTIPLE PROCESSORS**

for which we have executed an application for Letters Patent of the United States of America, on September 17, 1998 bearing Serial No. 09/156,378 as to our respective signatures; which was inadvertently not attached to the Assignment Cover Sheet, and

WHEREAS, Bull HN Information Systems Inc., a corporation organized and existing under the laws of the State of Delaware and having its principal offices at 300 Concord Road, Billerica, Massachusetts 01821-4186, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable considerations, the receipt of which is hereby acknowledged we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said Bull HN Information Systems Inc., its successors, legal representatives, and assigns, the entire right, title and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said Bull HN Information

Systems Inc., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

AND WE HEREBY further covenant and agree that we will communicate to said Bull HN Information Systems Inc., its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid said Bull HN Information Systems Inc., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, we hereunto set our hands on the dates set below our respective signatures.

ASSIGNOR:



William A. Shelly

Date of Execution: September 17, 1998

ASSIGNOR:



Charles P. Ryan

Date of Execution: September 17, 1998