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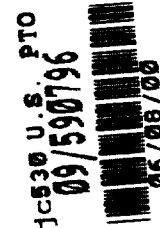
06-21-2000

OFFICE

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231



101386489



Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of party(ies) conveying an interest: (1) Gordon J. Vreugdenhil  
(2) Ernst Christen  
(3) Martin Vlach

2. Name and address of party(ies) receiving an interest: Avant! Corporation  
46871 Bayside Parkway  
Fremont, California 94538

3. Description of the interest conveyed:  
☒ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger

Date of execution of attached document: (1) June 1, 2000  
(2) June 1, 2000  
(3) June 1, 2000

4. Application number(s) or patent number(s). Additional sheet attached? Yes \_\_\_ No x \_\_\_

If this document is being filed together with a new application, the execution date of the application is: (1) June 1, 2000  
(2) June 1, 2000  
(3) June 1, 2000

09/590796

A. Patent Application No.

B. Patent No.

5. Name and address of party to whom correspondence concerning document should be mailed:

MARGER JOHNSON & McCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205  
Telephone: (503) 222-3613

6. Number of applications and patents involved: 1

7. Enclosed with our Transmittal Letter is our check for \$ 862.00 including \$40.00 for the Assignment Recordal Fee.

8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

9. 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.

06/15/2000 T04856 Filed: 06/15/2000 09/590796

04 FC:531

40.00 DP

MARGER JOHNSON & McCOLLOM, P.C.  
1030 SW Morrison Street  
Portland, OR 97205  
(503) 222-3613

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington DC 20231  
On June 8, 2000.

Signature

Alexander C. Johnson, Jr.

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

Alexander C. Johnson, Jr.  
Reg. No. 29,396

Total number of pages comprising cover sheet and attached assignment: 5

ASSIGNMENT

**Assignor:** Gordon J. Vreugdenhil  
  
**Address:** 14320 SW 20<sup>th</sup> Street  
Beaverton, Oregon 97008

**Assignor:** Ernst Christen  
  
**Address:** 14244 SW Yearling Way  
Beaverton, Oregon 97008

**Assignor:** Martin Vlach  
  
**Address:** 6112 SW Jan Tree Court  
Portland, Oregon 97219

**Assignee:** Avant! Corporation  
  
**Address:** 46871 Bayside Parkway  
Fremont, California 94538

**Title of  
Invention:** DYNAMIC ASSOCIATION OF EQUATIONS TO UNKNOWNNS DURING  
SIMULATION OF SYSTEMS DESCRIBED BY HARDWARE  
DESCRIPTION LANGUAGES

U.S. Patent Application:

Application Serial No.:

Filing Date:

U.S. Patent No.:

Issued:

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which

letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Beaverton, this 1 day of June, 2000.

Gordon J. Vreugdenhil  
Gordon J. Vreugdenhil  
Assignor

STATE OF Oregon )  
County of Washington ) ss.

Before me this 1 day of June, 2000, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Marcia P. Paige  
Notary Public for Oregon  
My commission expires: \_\_\_\_\_

[SEAL]

Executed at Beaverton, this 1st day of June, 2000.

Ernst Christen  
Ernst Christen  
Assignor

STATE OF Oregon )  
County of Washington ) ss.

Before me this 1 day of June, 2000, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Marcia P. Paige  
Notary Public for Oregon  
My commission expires: \_\_\_\_\_

[SEAL]

Executed at Beaverton, this 1st day of June, 2000.

Martin Vlach  
Martin Vlach  
Assignor

STATE OF Oregon )  
County of Washington ) ss.

Before me this 1 day of June, 2000, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Marcia P. Paige  
Notary Public for Oregon  
My commission expires: \_\_\_\_\_

[SEAL]