

ASSIGNMENT RECORDATION FORM COVER SHEET *Patents Only*

11-13-2000

October 24, 2000
Attorney Dk 5659-5



101512659

To the Honorable Commissioner of Patents and Trademark

Please record the attached original documents or copy the

1. Name of conveying party(ies):

Gary Bruce Lipton
Harry Clarkson Johnson IV
Jonathan Calvin White

WLD 10/26/00

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Avant! Corporation
46871 Bayside Parkway
Fremont, CA 94538

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other _____

Execution Date: February 17, 2000

4. Application Serial No. 09/505,499 Filed February 17, 2000

If this document is being filed together with a new application, the execution date of the application is: _____

Additional numbers attached? Yes No

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

Grant J. Scott
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 27627

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 50-0220

DO NOT USE THIS SPACE

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.

Grant J. Scott #36,925

Name of Person Signing

[Signature]
Signature

October 24, 2000

Date

Total number of pages including cover sheet, attachments and document: 5

11/09/2000 MTHAI1 00000120 09505499

01 FC:581

40.00 DP

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Gary Bruce Lipton**, citizen of the United States of America, residing at 5907 St. Thomas Drive, Durham, North Carolina 27705; **Harry Clarkson Johnson IV**, citizen of the United States of America, residing at 1100-L Lady's Slipper Court, Raleigh, North Carolina 27606; and **Jonathan Calvin White**, citizen of the United States of America, residing at 1149 Newberry Drive, Mebane, North Carolina 27302;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHODS, APPARATUS AND COMPUTER PROGRAM PRODUCTS THAT PERFORM LAYOUT VERSUS SCHEMATIC COMPARISON OF INTEGRATED CIRCUITS USING ADVANCED SYMMETRY RESOLUTION TECHNIQUES** for which an application for United States Letters Patent has been executed by us concurrently herewith, and

WHEREAS, Avant! Corporation, a Delaware corporation having a principal place of business at 46871 Bayside Parkway, Fremont, CA 94538, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as

fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 17 day of February, 2000.

Gary Bruce Lipton (SEAL)
Gary Bruce Lipton

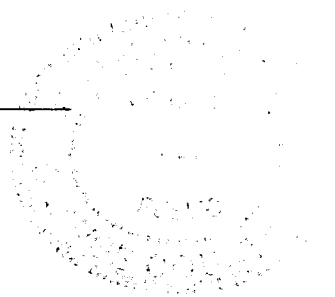
STATE OF NORTH CAROLINA)
) ss:
COUNTY OF DURHAM)

Before me personally appeared **Gary Bruce Lipton** to me known to be the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 17 day of February, 2000.

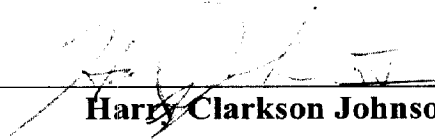
[Signature]
Notary Public

SEAL

My Commission Expires: 11/11/2002




IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 17
day of February, 2000.



Harry Clarkson Johnson, IV (SEAL)

STATE OF NORTH CAROLINA)
) ss:
COUNTY OF DURHAM)

Before me personally appeared **Harry Clarkson Johnson IV** to me known to be the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 17 day of February, 2000.




Notary Public

SEAL

My Commission Expires: _____



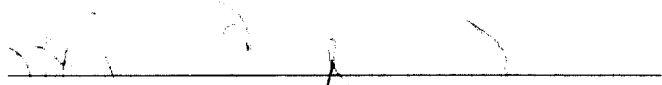
IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 17
day of February, 2000.



Jonathan Calvin White (SEAL)

STATE OF NORTH CAROLINA)
) ss:
COUNTY OF DURHAM)

Before me personally appeared **Jonathan Calvin White** to me known to be the
person described in and who executed the foregoing instrument, and he acknowledged to me
that he executed the same for the purposes therein stated, this 17 day of February, 2000.



Notary Public

SEAL

My Commission Expires: 11-21-2