



To the Honorable

102027081

Date: March 12, 2002
Attorney Docket No. 5347-212

Please record the attached original documents or copy thereof.

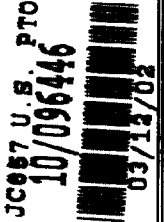
1. Name of conveying party(ies):

Michael W. Beattie
Lawrence T. Pileggi

03/12/02

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

Carnegie Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213



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

3. Nature of conveyance:

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

Execution Date: March 8, 2002

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

4. Application Serial No. _____ Patent No. _____

If this document is being filed together with a new application, the execution date of the application is: March 8, 2002

Additional numbers attached? Yes No

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

D. Scott Moore
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.

D. Scott Moore, #42,011
Name of Person Signing

[Signature]
Signature

3/12/02
Date

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

03/19/2002 MHEK0NEM 00000049 10096446

04 FC:581

40.00 DP

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Michael W. Beattie**, citizen of the United States of America, residing at 585 South Negley Avenue, Apt. 13, Pittsburgh, Pennsylvania 15232; and **Lawrence T. Pileggi**, citizen of the United States of America, residing at 357 Dorseyville Road, Pittsburgh, Pennsylvania 15215;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR MODELING INDUCTIVE EFFECTS IN A CIRCUIT BY COMBINING A PLURALITY OF LOCALIZED MODELS** for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, **Carnegie Mellon University**, a nonprofit corporation having a principal place of business at 5000 Forbes Avenue, Pittsburgh, Pennsylvania 15213, 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 or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, 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 us 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 promptly 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; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 8th day of March, 2002

Michael W. Beattie (SEAL)
Michael W. Beattie
Lawrence T. Pileggi (SEAL)
Lawrence T. Pileggi

STATE OF PENNSYLVANIA)
) ss:
COUNTY OF Allegheny)

Before me personally appeared the persons described in and who executed the foregoing instrument, and they acknowledged to me that they executed the same for the purposes therein stated, this 8th day of March, 2002.

Judith A. Bandola
Notary Public

SEAL
My Commission Expires: Oct. 18, 2004

Notarial Seal
Judith A. Bandola, Notary Public
Dravosburg Boro, Allegheny County
My Commission Expires Oct. 18, 2004
Member, Pennsylvania Association of Notaries