

ASSIGNMENT RECORDAT

07-27-2001



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To the Honorable Commissioner of Patents and Trademarks

Date: July 17, 2001
Attorney Docket No. 5347-211

Please record the attached original documents or copy thereof.

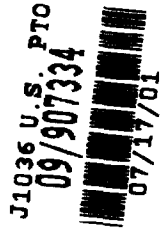
1. Name of conveying party(ies):

Michael W. Beattie
Lawrence T. Pileggi

07/17/01

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: July 16, 2001

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

4. Application Serial No. _____ Patent No. _____

09/907334

If this document is being filed together with a new application, the execution date of the application is: July 16, 2001

Additional numbers attached? Yes ☐ No ☒

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

Mitchell S. Bigel
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

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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.

Mitchell S. Bigel, #29,614
Name of Person Signing

Mitchell S. Bigel
Signature

7/17/01
Date

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

07/20/2001 MAHME1 00000046 500220 09907334
01 FC:581 40.00 CH

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 SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR CREATING HIERARCHICAL EQUIVALENT CIRCUIT 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

