

U.S. PATENT AND TRADEMARK OFFICE

Form PTO-1595

U.S. Department of Commerce

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

A) Ulrich Krauch I)
 B) Juergen Pille J)
 C) Tobias Werner K)
 D) Alexander Woerner L)
 E) M)
 F) N)
 G) O)
 H) P)

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

Name: INTERNATIONAL BUSINESS
 MACHINES CORPORATION
 Address: New Orchard Road
 Armonk, NY 10504

More names attached? Y X NMore names attached? Y X N3. Nature of Conveyance: X Assignment

4. Application number: 10/983,819 Filed: 11/8/2004
 Filed with new application: yes X no

Execution date(s):

a) October 25, 2004 i)
 b) October 25, 2004 j)
 c) October 25, 2004 k)
 d) October 25, 2004 l)
 e) m)
 f) n)
 g) o)
 h) p)

Additional numbers attached? Y X N

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

Name: Lynn L. Augspurger
 IBM Corporation
 Intellectual Property Law
 2455 South Road, P386
 Poughkeepsie, New York 12601
 Fax: 845-432-9601

6. Total # of applications and patents involved: 01

7. Total fee (37 CFR 3.41):
 \$ 40.00

8. Charge to Deposit Account
 09-0463 (IBM).

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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.

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2

Express Mail Label No.

Docket No.: DE920030020US1

PATENT

700236794

REEL: 017184 FRAME: 0607

CH \$40.00 090463 10983819

Docket No. DE920030020US1

ASSIGNMENT

Whereas, We

- | | |
|-----------------------|--|
| (1) Ulrich Krauch | of Detttenhausen
Federal Republic of Germany |
| (2) Juergen Pille | of Stuttgart
Federal Republic of Germany |
| (3) Tobias Werner | of Weil im Schoenbuch
Federal Republic of Germany |
| (4) Alexander Woerner | of Boebingen
Federal Republic of Germany |

have invented certain improvements in **Automatic Method for Routing and Designing an LSI**

And executed, respectively, a United States patent application therefor on

- | | |
|---------------------|---------------------|
| (1) <u>10/25/04</u> | (2) <u>10/25/04</u> |
| (3) <u>10/25/04</u> | (4) <u>10/25/04</u> |

Whereas, **INTERNATIONAL BUSINESS MACHINES CORPORATION**, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM,) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, and, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

- | | |
|--------|----------------------|
| (1) at | Signed
Boeblingen |
| on | <u>10/25/04</u> |
| (2) at | Boeblingen |
| on | <u>10/25/04</u> |
| (3) at | Boeblingen |
| on | <u>10/25/04</u> |
| (4) at | Boeblingen |
| on | <u>10/25/04</u> |

<u>Ulrich Krauch</u>
Ulrich Krauch
<u>Juergen Pille</u>
Juergen Pille
<u>Tobias Werner</u>
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<u>Alexander Woerner</u>
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*** TOTAL PAGE.06 ***