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

10. Name of conveying party(ies):

Johannes Birzer (11/06/01)
Thomas Hennefelder (11/06/01)
Martin Kiesel (11/06/01)
Raimund Kram (11/06/01)
Regina Schmitt (11/06/01)

11. Application number(s) or registration number(s):

A. Patent Application No.(s)

B. Patent Registration No.(s)

Page 2 of 2

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Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231**

A S S I G N M E N T

WHEREAS, WE, Armin Amrhein, Johannes Birzer, Thomas Hennefelder, Martin Kiesel, Raimund Kram and Regina Schmitt, citizens of Germany, residing in Kuemmersbruck, Stulln, Sugenheim, Poxdorf, Erlangen and Erlangen respectively, whose post office addresses are Dresdnerstr. 16, 92245 Kuemmersbruck, Germany; Friedhofweg 2, 92551 Stulln, Germany; Deutenheim 35, 91484 Sugenheim, Germany; Jahnstr. 36, 91099 Poxdorf, Germany; Fliederstr. 7A, 91056 Erlangen, Germany; and Herbstaeckerweg 5, 91056 Erlangen, Germany; respectively, have made an invention entitled "PROGRAMMING OF CYCLICAL MACHINES"; and

WHEREAS, SIEMENS AKTIENGESELLSCHAFT, a corporation organized and existing under the laws of the Federal Republic of Germany, and having an office for the transaction of business at Wittelsbacherplatz 2, 80333 Munchen, in the Federal Republic of Germany, is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE the said, Armin Amrhein, Johannes Birzer, Thomas Hennefelder, Martin Kiesel, Raimund Kram and Regina Schmitt, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said SIEMENS AKTIENGESELLSCHAFT, and other valuable considerations unto us moving from said SIEMENS AKTIENGESELLSCHAFT, at or before the ensembling and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said SIEMENS AKTIENGESELLSCHAFT, its successors and assigns, the entire right, title and interest in and to the said invention entitled "PROGRAMMING OF CYCLICAL MACHINES" as set forth and described in the application and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said Armin Amrhein, Johannes Birzer, Thomas Hennefelder, Martin Kiesel, Raimund Kram and Regina Schmitt, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said SIEMENS AKTIENGESELLSCHAFT, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said SIEMENS AKTIENGESELLSCHAFT, its successors and assigns;

AND WE, the said Armin Amrhein, Johannes Birzer, Thomas Hennefelder, Martin Kiesel, Raimund Kram and Regina Schmitt, for the considerations aforesaid, do hereby

covenant and agree to and with said SIEMENS AKTIENGESELLSCHAFT, its successors and assigns, that WE have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that WE, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said SIEMENS AKTIENGESELLSCHAFT, its successors and assigns, may be required or necessary more effectively to secure to and vest in said SIEMENS AKTIENGESELLSCHAFT, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

Subscribed and executed at Amberg
on 11-05-2001 [Signature] (Place)
(Date)

[Signature]
Armin Amrhein

Witness: Tschwarditsch
(Type Name)
Tschwarditsch Michael

Subscribed and executed at Erlangen
on 11-06-2001 (Place)
(Date)

[Signature]
Johannes Birzer

Witness: [Signature]
(Type Name)
(Alexander Stern)

Subscribed and executed at Erlangen
(Place)
on 6.11.2001
(Date)

Thomas Hennefelder
Thomas Hennefelder

~~Witness: Ulrich Giesel
(Type Name)
Martin Kiesel~~

Witness: Miko Danz
(Type name)
Miko Danz

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on 6.11.2001
(Date)

Martin Kiesel
Martin Kiesel

Witness: Michael Franke
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(Date)

Raimund Kram
Raimund Kram

~~Witness: Ulrich Giesel
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Witness: Michael Franke
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Michael Franke

Subscribed and executed at Erlangen
(Place)
on 6.11.2001
(Date)

Regina Schmitt
Regina Schmitt

~~Witness: Ulrike Hiesel
(Type Name)~~

~~Martin Kiesel~~

Witness: K. D. Pavlik
(type Name)

RAF-DIETER PAVLIK