

Express Mail mailing label number: **EL 751381639 US**Date of Deposit: **May 15, 2003**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

ANTONELLA FUSILLO

(Name of person mailing paper or fee)

FORM PTO-1595 (Rev. 6-93)**RE****05-23-2003**U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office**1 SHEET**

To the Honorable Commissioner of Patents

and original documents or copy thereof

1. Name of conveying party(ies):**HUBERT SCHIERLING,
OLAF SIMOM &
MANFRED BRUCKMANN**

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

2. Name and address of receiving party(ies):Name: **Siemens Aktiengesellschaft**Street Address: **Wittelsbacherplatz 2
80333 München
Germany****3. Nature of conveyance:**

- (X) Assignment
() Security Agreement
() Merger
() Change of name
() Other:

Execution Date: **May 12, 2003****4. Application number(s) or patent number(s):**

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

**April 24, 2003 and May 12, 2003,
respectively**

A. Patent Application No.(s)

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:**HENRY M. FEIEREISEN
350 Fifth Avenue
Suite 3220
New York, N.Y. 10118****6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 3.41) ...\$40.00** (X) Enclosed () Authorized to be charged to deposit account.**8. Deposit Account No.: 06-0502**

(Attach duplicate copy of this page if paying by deposit account)

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.**HENRY M. FEIEREISEN**

Name of Person signing

Signature

Date

Total number of documents including cover sheet, attachments, and document: ()

PATENT**REEL: 014086 FRAME: 0210**

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned

residing at: **HUBERT SCHIERLING**

**Pommernstrasse 15G
91052 Erlangen
Germany**

residing at: **OLAF SIMON**

**Barth-Blendinger-Strasse 1
91058 Erlangen-Frauenaurach
Germany**

residing at: **MANFRED BRUCKMANN**

**Am Bächlein 3
90475 Nürnberg
Germany**

residing at:

residing at:

residing at:

residing at:

residing at:

hereby sell, assign, and transfer to

Siemens Aktiengesellschaft

a German corporation organized and existing under the laws of the Federal Republic of Germany, having its principal place of business in Wittelsbacherplatz 2, 80333 München, Germany, herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **METHOD FOR CONTROLLING A MATRIX CONVERTER**

disclosed in the application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No. **2000P19959WOUS**

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

IDNR: 2589 / V: 99-1.00 / B: Val

04/02/03 04:53P P.019

2122442222

HENRY M FERGUSON LLC

PATENT
REEL: 014086 FRAME: 0211

2

and hereby authorize and request my representatives Henry M. Felerisen, Ursula B. Day of 350 Fifth Avenue, New York, NY 10118, to insert here in parenthesis (Application number _____, filed _____) the filing date and application number of said application when known;

and hereby agree that said Assignee may apply for and receive Letters Patent for said Improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said Improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said Improvements and for vesting title to said improvements and all applications for patents and all patents on said Improvements in said Assignee, its successors, assigns, and legal representatives;

and hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 24.04.2003

Hubert Schierling
HUBERT SCHIERLING

Witnesses: Konrad Göbel

(type name)

Witnesses: David Bryman

(type name)

Date: _____

OLAF SIMON

Witnesses: _____

(type name)

Witnesses: _____

(type name)

04/02/03 04:53P P.020

2122442235

HENRY M FELERISEN LLC


Date: 24.04.2003

3


MANFRED BRUCKMANN


Witnesses:

(type name)


Konrad Böhm

Witnesses:

(type name)


Martin Bergmann

04/02/03 04:58 P.021

2122442289

HENRY M FETERISEN LLC

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned

HUBERT SCHIERLING
residing at:
Pommernstrasse 18G
91052 Erlangen
Germany

OLAF SIMON
residing at:

~~Berth-Blendinger-Strasse 1~~
~~91050 Erlangen-Frauenaurach~~
Germany

*Im Jueden 4
76646 Bruchsal*

MANFRED BRUCKMANN
residing at:
Am Bächlein 3
90475 Nürnberg
Germany

residing at:

residing at:

residing at:

residing at:

residing at:

hereby sell, assign, and transfer to

Siemens Aktiengesellschaft

a German corporation organized and existing under the laws of the Federal Republic of Germany, having its principal place of business in Wittelsbacherplatz 2, 80333 München, Germany, herein the "Assignee". Its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **METHOD FOR CONTROLLING A MATRIX CONVERTER**

disclosed in the application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No. **2000P19959WOUS**

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

IPNR: 2489 / V: 59-1.00 / BVA

2

and hereby authorize and request my representatives Henry M. Feiereisen, Ursula B. Day of 350 Fifth Avenue, New York, NY 10118, to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known:

and hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives;

and hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: _____

HUBERT SCHIERLING

Witnesses: _____
(type name)

Witnesses: _____
(type name)

Date: 12.5.2003

Olaf Simon
OLAF SIMON

Witnesses: Jochen Mahlein
(type name) Jochen Mahlein

Witnesses: Matthias Hauck
(type name) Matthias Hauck

3

Date: _____

MANFRED BRÜCKMANN

Witnesses: _____
(type name)

Witnesses: _____
(type name)

120 * d JCS: +0 50/20/40

2677447717

GESAMT SEITEN 15