7-10-03



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To the Honorable Commissioner of Patents and	ease record the attached original documents or copy thereof.
1. Name of conveying party(ies): Gary D. Anderson Andreas Arnez Joshua W. Boyer Gerald G. Kreissig Paul E. Movall Ward R. Nelson Additional names of conveying party(ies) attached? ☐ yes ☑ no 3. Nature of Conveyance ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other	2. Name and address of receiving party(ies): Name: International Business Machines Corporation Internal Address: Street Address: New Orchard Road City Armonk State New York Zip 10504 Additional name(s) & address(es) attached? ☐ yes ⋈ no
Execution Date: 04/22/2003; 05/22/2003; 04/21/2003; 05/22/2003; 04/21/2003; 04/21/2003	OFF 20 F
	S RECOVERY IN AN EMBEDDED PROCESSOR STEEM. The execution date of the application is
Serial No. 10/422,688 ROC920030136US1	Patent No(s).
5. Name and address of party to whom correspondence concerning document should be mailed:	attached? ☐ Yes ⊠ No 6. Total number of applications and patents involved:1
Leslie J. Payne IBM Corporation Intellectual Property Law Dept. 917 3605 Hwy. 52 North Rochester, MN 55901 507-253-2555	7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed Solution Authorized to be charged to deposit account ☐ Total fee due Solution Any deficiencies in the enclosed fees 8. Deposit account number: 09-0465 for IBM Corporation
LHUELLER 00000057 090465 10422688)	(Attach duplicate copy of this page if paying by deposit account)
40, 00 M DO NOT US	SE THIS SPACE
document. _Leslie J. Payne, Reg. #26,378	mation is true and correct and any attached copy is a true copy of the origin July 7, 2003 Date Total number of pages comprising cover sheet:

Docket No. ROC920030136US1

ASSIGNMENT

Whereas, we

(1)	Gary D. Anderson	City of Austin and State of Texas
(2)	Andreas Arnez	City of Schoenaich and Country of Germany
(3)	Joshua W. Boyer	City of Rochester and State of Minnesota
(4)	Gerald G. Kreissig	City of Herrenberg and Country of Germany
(5)	Paul E. Movall	City of Rochester and State of Minnesota
(6)	Ward R. Nelson	City of Stewartville and State of Minnesota

have invented certain improvements in:

APPARATUS AND METHOD FOR PROCESS RECOVERY IN AN EMBEDDED PROCESSOR SYSTEM

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

(1) APRIL 22,	2003 (2)	2003
(3)	2003 (4)	2003
(5)	2003 (6)	2003

And 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, I, 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 application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree

PATENT REEL: 014243 FRAME: 0224 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.

Signed

Inventor (1)	at <u>Austin. Texas</u> on <u>(fril 22</u> , 2003_,	Gary D. First	Anderson) Last	Inventor Signature
Inventor (2)	at Boeblingen, Germany on, 2003_,	(Andreas First	Arnez) Last	Inventor Signature
Inventor (3)	at, 2003,	(Joshua W. First	Boyer) Last	Inventor Signature
Inventor	at Boeblingen, Germany on, 2003,	(Gerald G .	Kreissig)	Inventor
(4)		First	Last	Signature
Inventor	at, 2003,	(Paul E.	Movall)	Inventor
(5)		First	Last	Signature
Inventor	at, 2003,	(Ward R.	Nelson)	Inventor
(6)		First	Last	Signature

ASSIGNMENT

Whereas, we

(1)	Gary D. Anderson	City of Austin and State of Texas
(2)	Andreas Arnez	City of Schoenaich and Country of Germany
(3)	Joshua W. Boyer	City of Rochester

(4) Gerald G. Kreissig City of Herrenberg

and Country of Germany

and State of Minnesota

(5) Paul E. Movall City of Rochester

and State of Minnesota

(6) Ward R. Nelson City of Stewartville

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(3)	April 2	1 2003	(4)		2003
(5)	April 2	2003	(6)	April 21	2003

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> **PATENT** REEL: 014243 FRAME: 0226

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.

Signed

Inventor (1)	at, 2003,	(Gary D. Anderson) First Last	Inventor Signature
Inventor (2)	at, 2003_,	(Andreas Arnez) First Last	Inventor Signature
Inventor (3)	at Rochester, MN on 4/2/, 2003_,	(Joshua W. Boyer) First Last	Inventor Signature
Inventor (4)	at on, 2003,	(Gerald G. Kreissig) First Last	Inventor Signature
Inventor (5)	at <u>Rochester</u> , <u>MN</u> on <u>4/21</u> , 2003_,	(Paul E. Movall) First Last	Inventor Signature
Inventor (6)	at <u>Rochester</u> , MN on <u>4/21</u> , 2003_,	Ward R. Nelson) First Last	Inventor Signature

ASSIGNMENT

Whereas, we

(1) Gary D. Anderson City of Austin and State of Texas

(2) Andreas Arnez City of Schoenaich

and Country of Germany

(3) Joshua W. Boyer City of Rochester

and State of Minnesota

(4) Gerald G. Kreissig City of Herrenberg

and Country of Germany

(5) Paul E. Movall City of Rochester

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(6) Ward R. Nelson City of Stewartville

and State of Minnesota

have invented certain improvements in:

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(1)	2003	(2)	May 22	2003
(3)	2003	(4)	May 22	2003
(5)	2003	(6)		2003

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PATENT REEL: 014243 FRAME: 0228 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.

Signed

Inventor	at <u>Austin, Texas</u>			Inventor
(1)	on, 2003,	(Gary D. First	Anderson) Last	Signature
Inventor (2)	at Boeblingen, Germany on May 22, 2003,	(Andreas First	Arnez) Last	Inventor Signature
Inventor (3)	at, 2003,	(Joshua W. First	Boyer) Last	Inventor Signature
Inventor (4)	at Boeblingen, Germany on May 22, 2003,	(Gerald G. First	Kreissig) Last	Inventor Signature
Inventor (5)	at, 2003,	(Paul E. First	Movall) Last	Inventor Signature
Inventor (6)	at	(Ward R. First	Nelson) Last	Inventor Signature

RECORDED: 07/10/2003