PATENT ASSIGNMENT

Electronic Version v07
Stylesheet Version v02

SUBMISSION TYPE:	NEW ASSIGNMENT

NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
Karl A Nielsen	2003-11-14
Colleen R Stouffer	2003-11-17
Matthew J Fairhurst	2003-11-25

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
International Business Machines (IBM) Corporation			Armonk	NEW YORK	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number	10719180

CORRESPONDENCE DATA

FAX NUMBER: 303 268 0065

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 035825

NAME OF PERSON SIGNING:	D A Shifrin

DATE SIGNED:	2004-02-24

Total Attachments: 3
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source=Ass_0002.tif
source=Ass_0003.tif

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PATENT
REEL: 014360 FRAME: 0545

ASSIGNMENT

IBM DOCKET: TUC920030162US1
Page 1 of 1

Whereas, we

Karl A. Nielsen	of	Tucson	County of	Pima	and State of	Arizona	and
Colleen R. Stouffer	of	Austin	County of	Travis	and State of	Texas	and
Matthew J. Fairhurst	of	Winchester	County of	Hampshire	and State of	United Kingdom	and
Lee J. Sanders	of	Havant	County of	Hampshire	and State of	United Kingdom	

have invented certain improvements in

HOST-INITIATED DATA RECONSTRUCTION FOR IMPROVED RAID READ OPERATIONS

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

(1) _____ (2) _____ (3) 25/11/2003 (4) 17/11/2003

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 patent 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 and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

at _____

on _____   Karl A. Nielsen

at _____

on _____   Colleen R. Stouffer

at HURSLEY   J. Fairhurst.

on 25/11/2003   Matthew J. Fairhurst

at HURSLEY   L. Sdh

on 17/11/2003   Lee J. Sanders

ASSIGNMENT

IBM DOCKET: TUC920030162US1
Page 1 of 1

Whereas, we

Karl A. Nielsen	of Tucson	County of Pima	and State of	Arizona	and
Colleen R. Stouffer	of Austin	County of Travis	and State of	Texas	and
Matthew J. Fairhurst	of Winchester	County of Hampshire	and State of	United Kingdom	and
Lee J. Sanders	of Havant	County of Hampshire	and State of	United Kingdom	

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(1) _14 Nov 2003_   (2) _____   (3) _____   (4) _____

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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 and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

at _Tucson_
on _14 Nov 2003_   Karl A. Nielsen

at _____
on _____   Colleen R. Stouffer

at _____
on _____   Matthew J. Fairhurst

at _____
on _____   Lee J. Sanders

ASSIGNMENT

IBM DOCKET: TUC920030162US1
Page 1 of 1

Whereas, we

Karl A. Nielsen	of	Tucson	County of Pima	and State of	Arizona	and
Colleen R. Stouffer	of	Austin	County of Travis	and State of	Texas	and
Matthew J. Fairhurst	of	Winchester	County of Hampshire	and State of	United Kingdom	and
Lee J. Sanders	of	Havant	County of Hampshire	and State of	United Kingdom	

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(1) _____ (2) _Nov. 17, 2003_ (3) _____ (4) _____

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at _____
on _____ _____
Karl A. Nielsen

at _Austin, TX_
on _Nov. 17, 2003_ _Colleen R. Stouffer_
Colleen R. Stouffer

at _____
on _____ _____
Matthew J. Fairhurst

at _____
on _____ _____
Lee J. Sanders