

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Steven G. Ludwig</td><td>06/09/2006</td></tr><tr><td>Joan La Verne Mitchell</td><td>06/09/2006</td></tr></tbody></table>	Name	Execution Date	Steven G. Ludwig	06/09/2006	Joan La Verne Mitchell	06/09/2006	
Name	Execution Date						
Steven G. Ludwig	06/09/2006						
Joan La Verne Mitchell	06/09/2006						
RECEIVING PARTY DATA							
Name:	International Business Machine Corporation						
Street Address:	New Orchard Road						
City:	Armonk						
State/Country:	NEW YORK						
Postal Code:	10504						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11424527</td></tr></tbody></table>	Property Type	Number	Application Number:	11424527			
Property Type	Number						
Application Number:	11424527						
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Total Attachments: 1 source=BLD920050030US1_Assignment#page1.tif							

CH 11424527 \$40.00

500129402

PATENT
REEL: 017983 FRAME: 0681

Patent Docket: BLD920050030US1»

ASSIGNMENT

Whereas, we

- (1) Steven G. LUDWIG
of Boulder,
State of Colorado, and
County of Boulder
- (2) Joan LaVerne MITCHELL
of Longmont,
State of Colorado, and
County of Boulder

have invented certain improvements in:

USING OPERATION CODES TO CONTROL A DECODER'S USE OF A BUFFER TO GENERATE DATA FROM AN INPUT DATA STREAM INTO AN OUTPUT DATA STREAM

and executed, respectively, a United States patent application therefore on:

(1) _____, 2006 and (2) _____, 2006

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM CORPORATION), 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 therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM CORPORATION, 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 invention set forth in said application to IBM CORPORATION, its successors and assigns; and I hereby agree that IBM CORPORATION 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 CORPORATION.

Signed and sealed

CITY
DATE(1) at
onBoulder Co
June 9, 2006

Steven G. LUDWIG

SIGNATURE
INVENTORCITY
DATE(2) at
onBoulder Co
June 9, 2006

Joan LaVerne MITCHELL

SIGNATURE
INVENTOR