

A S S I G N M E N T

Whereas, We

- | | | |
|----------|--|--|
| Inventor | (1) Michael E. Baskey
County of Dutchess | of Wappingers Falls,
and State of New York, |
| Inventor | (2) Steven G. Glassen
County of Ulster | of Wallkill,
and State of New York, |
| Inventor | (3) Eugene P. Hefferon
County of Dutchess | of Poughkeepsie,
and State of New York, |
| Inventor | (4) Bruce H. Ratcliff
County of Dutchess | of Red Hook,
and State of New York, |
| Inventor | (5) Arthur J. Stagg
County of Wake | of Raleigh,
and State of North Carolina, |
| Inventor | (6) Stephen R. Valley
County of Columbia | of Valatie,
and State of New York |
| Inventor | (7) Daniel F. Casper
County of Dutchess | of Poughkeepsie,
and State of New York |
| Inventor | (8) Allan S. Meritt
County of Dutchess | of Poughkeepsie,
and State of New York |
| Inventor | (9) Anthony R. Sager
County of Dutchess | of Red Hook,
and State of New York |
| | and | |
| Inventor | (10) Donald W. Schmidt
County of Ulster | of Stone Ridge,
and State of New York. |

have invented certain improvements in **A METHOD OF PROVIDING DIRECT DATA PROCESSING ACCESS USING A QUEUED DIRECT INPUT-OUTPUT DEVICE**

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

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|--------------------------|---|--------------------------|---|
| (1) <i>June 25, 1999</i> | . | (2) <i>June 29, 1999</i> | . |
| (3) <i>June 28, 1999</i> | . | (4) <i>June 23, 1999</i> | . |

- (5) , (6) *June 23, 1999* ,
- (7) *June 24, 1999* , (8) *June 23, 1999* ,
- (9) *June 22, 1999* , and (10) *June 22, 1999* .

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

(1) at Poughkeepsie, NY
on *6/25/99*

Michael E. Baskey
Michael E. Baskey

(2) at Poughkeepsie, NY
on *6/28/99*

Steven G. Glassen
Steven G. Glassen

(3) at Poughkeepsie, NY
on *6/28/99*

Eugene P. Hefferon
Eugene P. Hefferon

(4) at Poughkeepsie, NY
on *6/23/99*

Bruce H. Ratcliff
Bruce H. Ratcliff

(5) at NC
on _____

Arthur J. Stagg

(6) at Poughkeepsie, NY
on 6/23/99

Stephen R. Valley
Stephen R. Valley

(7) at Poughkeepsie, NY
on 6/24/99

Daniel F. Casper
Daniel F. Casper

(8) at Poughkeepsie, NY
on 6/23/99

Allan S. Meritt
Allan S. Meritt

(9) at Poughkeepsie, NY
on 6/22/99

Anthony R. Sager
Anthony R. Sager

(10) at Poughkeepsie, NY
on 6/22/99

Donald W. Schmidt
Donald W. Schmidt

A S S I G N M E N T

Whereas, We

Inventor	(1) Michael E. Baskey County of Dutchess	of Wappingers Falls, and State of New York,
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Inventor	(7) Daniel F. Casper County of Dutchess	of Poughkeepsie, and State of New York
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Inventor	(9) Anthony R. Sager County of Dutchess	of Red Hook, and State of New York
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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, and, 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 we request the Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree 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.

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(1) at Poughkeepsie, NY _____
on _____ Michael E. Baskey

(2) at Poughkeepsie, NY _____
on _____ Steven G. Glassen

(3) at Poughkeepsie, NY _____
on _____ Eugene P. Hefferon

(4) at Poughkeepsie, NY _____
on _____ Bruce H. Ratcliff

(5) at *RALEIGH* NC _____
on *6/29/99* _____ *Arthur J. Stagg*
Arthur J. Stagg

- (6) at Poughkeepsie, NY _____
on _____ Stephen R. Valley

- (7) at Poughkeepsie, NY _____
on _____ Daniel F. Casper

- (8) at Poughkeepsie, NY _____
on _____ Allan S. Meritt

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- (10) at Poughkeepsie, NY _____
on _____ Donald W. Schmidt