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1-31-92

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John A. Hoffnagle

Addit'l name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

IBM Corporation  
New Orchard Road  
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Execution Date: July 2, 1998

## 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: July 2, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Thomas R. Berthold  
IBM Corporation  
Almaden Research Center  
650 Harry Road, C4TA/J2B  
San Jose, CA 95120-6099

## 6. Total number of applications and patents involved [1]

## 7. Total fee (37 CFR 3.41).....\$40.00

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# ASSIGNMENT

**Whereas, We,**

(1) John A. Hoffnagle  
City of San Jose County of Santa Clara State of California

have invented certain improvements in:

**MONOLITHIC SYMMETRIC INTERFEROMETER FOR GENERATION OF VARIABLE-  
PERIODICITY PATTERNS FOR LITHOGRAPHY**

and executed a Declaration and Power of Attorney for a United States patent application therefor on

1/2/82  
(Date)

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;

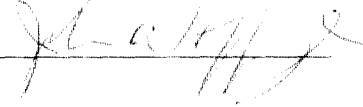
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign 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.

**Execution by Inventor**

(1) Inventor: John A. Hoffnagle

City/State: San Jose, California

Signature

A handwritten signature in dark ink, appearing to read "John A. Hoffnagle", written over a horizontal line.

Date

7/2/98