



**ASSIGNMENT**

Docket No. B0998015-003594.P009

Whereas, I

INVENTOR  
AND CITY

(1) Stephen D. Hanna of Longmont  
County of Boulder and State of Colorado

have invented certain improvements in

TITLE

MULTI STAGE OSCILLATOR PHASE ALIGNMENT SCHEME

DATE THAT  
INVENTOR  
SIGNED THE  
DECLARATION

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

(1) Jan. 26, 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, 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.

Signed and sealed

CITY

(1) at Boulder, Colorado 80301

DATE

on Jan 26, 1999.

INVENTOR  
SIGNATURE

Stephen D Hanna