



**ASSIGNMENT OF INVENTION**

WHEREAS, Joshua I. Pine, hereinafter sometimes referred to as "said Inventor," has invented certain new and useful improvements in PHOTONIC CLOCK DISTRIBUTION METHOD AND APPARATUS FOR ELECTRONIC SYSTEMS which invention or inventions (hereinafter referred to as "invention") have been disclosed to and filed, under Docket No. ROC1-BD17RSS022, in the patent files of his employer, ROCKWELL SEMICONDUCTOR SYSTEMS, INC., 4311 Jamboree Road, Newport Beach, CA 92660-3095 and which invention will be covered by a patent application, the serial number and filing date of which he hereby authorized their attorney to insert here:

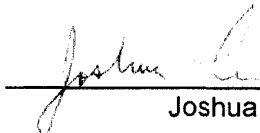
(Serial No. 09/121,475 Filed July 23, 1998) when known: and

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventors have sold, assigned and transferred and by these presents do sell, assign and transfer unto ROCKWELL SEMICONDUCTOR SYSTEMS, INC., the entire right, title and interest in and to said invention and in and to said application and in and to all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, division, renewal, or substitute thereof, or any reissue or re-examination thereof, for the territory of the United States of America and for all foreign countries; said invention and application to be held and enjoyed by the said ROCKWELL SEMICONDUCTOR SYSTEMS, INC., for its own use and benefit and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent on same will be granted, as fully and entirely as the same would have been held by said inventors had this Assignment and sale not been made.

FURTHER, said inventor agrees to sign all lawful papers necessary or helpful in obtaining a patent on said invention or in filing any divisional, continuation, continuation-in-part, substitution, or reissue application on said invention or in obtaining any re-examination thereof.

Executed at Irvine, County of Orange, and State of California, this 23rd day of July, 1998.

Inventor

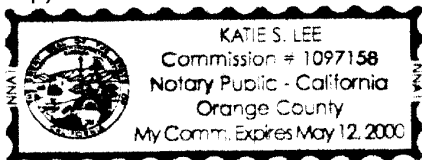
  
\_\_\_\_\_  
Joshua I. Pine

State of California        )  
                                  ) ss.  
County of Orange         )

On July 23, 1998, before me, Katie S. Lee, a Notary public in and for the said county, personally appeared Joshua I. Pine, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

(Stamp)



  
\_\_\_\_\_  
Notary Public

PATENT

