FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

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	Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date			
	Name (line 1) Gregory L. Dean	Month Day Year			
	Name (line 2)	Formation Pate			
	Second Party Name (line 1)	Execution Date Month Day Year			
	Name (line 2)	10341957			
	Receiving Party  Mark if additional names of receiving parties attached				
	Name (line 1) National Semiconductor Corporation	If document to be recorded is an assignment and the receiving party is not			
	Name (line 2)	domiciled in the United States, an appointment of a domestic			
	Address (line 1) 2900 Semiconductor Drive	representative is attached. (Designation must be a separate document from			
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	Address (line 3) Santa Clara	California 95051 State/Country Zip Code			
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William A. Munck

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Jan. 14 2003 Date

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## **ASSIGNMENT OF APPLICATION**

Docket Number (Optional) 05394 (NATH 5-05394)

Whereas, I, Gregory L. Dean of Standish, Maine, hereafter					
referred to as applicant, have invented certain new and useful improvements in					
APPARATUS AND METHOD FOR FRACTIONAL FREQUENCY DIVISION USING MULTI-PHASE OUTPUT VCO					
<u> </u>					
for which an application for a United States Patent was filed on,  Application Number/					
for which an application for a United States Patent was executed on January 13, 2003, and					
Whereas, National Semiconductor Corporation of Santa Clara, California 95051 herein referred to					
"assignee" whose post office address is 2900 Semiconductor Drive is de-					
sirous of acquiring the entire right, title and interest in the same;					
Now, therefore, in consideration of the sum of $\underline{two}$ dollars ( $\underline{$2.00}$ ), the receipt whereof is ac-					
knowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign					
and transfer unto said assignee the full and exclusive right to the said invention in the United States and the					
entire right, title and interest in and to any and all Patents which may be granted therefor in the United States,					
I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States					
Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof;					
and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may					
be granted, as fully and entirely as the same would have been held by me had this assignment and sale not					
been made.					
Executed this Mixteenth day of January ,2003,					
Executed this Mirteenth day of January, 2003, at Double Portland, Maine USA					
Sazzon La Deau					
State of SS: (Signature)					
County of)					
Before me personally appeared said Gregory L. Dean and acknowledged the foregoing instrument to be his free act and deed this					
day of, 200					
Seal (Notary Public)					

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