	-21-2001
FORM PIO-1595	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	ATTORNEY DOCKET NO. RFMI01-00214
To the Honorable Commissioner of Patents and Trademarks. Please	
<pre>1. Name of conveying party(ies): Darrell Lee Ash Additional name(s) of conveying party(ies) attached? Yes No</pre>	2. Name and address of receiving party(ies): Name: RF Monolithics, Inc. Internal Address: 4441 Sigma Road Dallas, Texas 75244
3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other	Post Office Address: Same as above
 4. Application number(s) or patent number(s): If this document is being filed with a new application, the example A. Patent Application No.(s) Additional numbers attached 	B. Patent No. (s) 0980145Z
5. Name and address of party to whom correspondence concerning document should be mailed: Name: William A. Munck, Esq. Internal Address: Novakov Davis & Munck, P.C. 13155 Noel Road, Suite 900 Dallas, Texas 75240 Post Office Address: Same as above	 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 Enclosed (with other fees) Any deficiencies or overpayments are authorized to be charged to or credited to deposit account 8. Deposit account number: 50-0208 Attach duplicate copy of this page if paying by deposit account.
DO NOT U 9. Statement and signature. To the best of my knowledge and belief, the foregoing informe	SE THIS SPACE Alon if true and correct and any attached copy is a true copy of the $3 - 8 - 01$
Daniel E. Venglarik, Reg. No. 39,409 Total number of pages including cover sheet, attachments, an	d document: 3
OMB NO. 0651-0011 03/12/2001 NGEDRENI 00000007 09801452 02 FC:581 40.00 0P	

PATENT REEL: 011589 FRAME: 0409

ASSIGNMENT

WHEREAS, I, Darrell Lee Ash, a citizen of the United States of America and resident of Dallas County, Texas, have invented certain new and useful improvements in a "NOISE RESISTANT LOW PHASE NOISE, FREQUENCY TRACKING OSCILLATORS AND METHODS OF OPERATING THE SAME" disclosed in an application for United States Letters Patent (Application No. ______, filed ______), said application having been executed concurrently herewith;

WHEREAS, RF MONOLITHICS, INC., a corporation of the State of Texas, having a place of business at 4441 Sigma Road, Dallas, Texas 75244 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; I authorize William A. Munck, John T. Mockler or Daniel E. Venglarik of Novakov Davis & Munck, P.C. to insert in the parenthesis above the application number and filing date of said application when known; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

PATENT REEL: 011589 FRAME: 0410

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 5th day of March, 2001.

Darrell Lee Ash

STATE OF TEXAS

COUNTY OF DALLAS

On this _____ day of ______, 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared Darrell Lee Ash, known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

§ § §



Notary Public, State of Texas

My Commission Expires: