<u>ASSI</u>



R SHEET

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

- 1. Name of conveying party(ies)
 - a) Yusuf A. Haqueb) Benjamin J. McCarroll
 - c) Kevin K. Johnstone
- 2. Name and address of receiving party(ies):

Address: Maxim Integrated Products
120 San Gabriel Drive

Sunnyvale, CA 94086

3.	Nature of convey Assignr Security Other		Merger Change of Name License Agreement
	Execution Date:	a) August 14, 2001 b) August 20, 2001 c) August 13, 2001	

4. Application Number(s) or Patent Number(s):

The title of the (new) application is: DATA ENCRYPTION FOR SUPPRESSION OF DATA-RELATED IN-BAND HARMONICS IN DIGITAL TO ANALOG CONVERTERS

5. Please send all correspondence concerning this (these) documents to:

OPPENHEIMER WOLFF & DONNELLY, LLP 1620 L Street NW Suite 600 Washington, DC 20036

- 6. Total number of applications and patents involved: 1
- 7. Total fee (37 CFR 3.41): \$40.00

Enclosed is Check No. 2575 in the amount of \$40.00

Authorized to be charged to Deposit Account No. 02-3964
(Order No)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: September 10, 2001

9/16/2001 AAHMEDI 00000045 09949560

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40.00 OP

Attorney Docket No. 60305-306401

Ronald S. Grubb, Jr.
Registration No.P-48,672

(Revised 01/96)

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

DATA ENCRYPTION FOR SUPPRESSION OF DATA-RELATED IN-BAND HARMONICS IN DIGITAL TO ANALOG CONVERTERS

(Atty. Docket No.: 60305-306401) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to <u>Maxim Integrated Products</u> a <u>Delaware</u> corporation having a place of business at <u>120 San Gabriel Drive</u>, <u>MS 165</u>, Sunnyvale, <u>CA 94086</u> (hereinafter referred to as ("ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

1)	Signature:			Date:
	Typed Name:	Yusuf A. Haqı	ie	
Cour	nty of		,)) es	
State	e of		.)	
	On this	day of , per	sonally appeared	, in the year 2001, before me Yusuf A. Haque, personally known t
subse in his	cribed to the wit s/her authorized e entity upon bel	hin instrument, capacity(ies), a	, and acknowledge and that by his/her ae person acted, ex	Yusuf A. Haque, personally known to dence) to be the person whose name is ed to me that he/she executed the same signature on the instrument the person xecuted the instrument.
Signa	ature			_ (SEAL)
2)	Si an atuma			Date
2)	Signature: Typed Name:	Benjamin J. M	cCarroll	Date:
Cour	nty of		,)) ss.	
State	of		.)	
	On this	day of , per	sonally appeared	, in the year 2001, before me Benjamin J. McCarroll, personall
know name the s	vn to me (or pro e is subscribed to ame in his/her a	ved to me on the other within instance of the within instance of the capacitation in t	ne basis of satisfactions strument, and ack city(ies), and that	ctory evidence) to be the person whose mowledged to me that he/she executed by his/her signature on the instrument on acted, executed the instrument.
	WITNESS my	y hand and offic	cial seal.	
Signa	ature			_ (SEAL)

Signed on the date(s) indicated beside my (our) signature(s).

3)	Signature: Typed Name:	Kevin K. Jo	K. Johnstone	Date: 13 Aug. 0
Cour	nty of Sauta	Clara		
State	nty of <u>Sauta</u>	Thia) SS.)	
	On this 13	_ day of	August personally appeared Ke	, in the year 2001, before me, evin K. Johnstone, personally known
subs in hi	cribed to the with s/her authorized of	e on the banin instrume capacity(ies	sis of satisfactory evident, and acknowledged	ence) to be the person whose name is to me that he/she executed the same gnature on the instrument the person.
	WITNESS my	hand and o	official seal.	
Sign	ature			(SEAL)

Signature

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(Accompanying Application)

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1)	Signature:		Date:
		Yusuf A. Haque	
Coui	nty of	,)) ss.	
State	e of) ss.)	
subse in hi	or proved to me cribed to the with s/her authorized of entity upon beh	, personally appeared \(\) on the basis of satisfactory evidence in instrument, and acknowledged	, in the year 2001, before me, <u>Yusuf A. Haque</u> , personally known to ence) to be the person whose name is d to me that he/she executed the same signature on the instrument the person, ecuted the instrument.
Sign	ature		(SEAL)
2) Cour State	Signature: A Typed Name: htty of Wall of Uveryo	Benjamin McCarroll 14) Ss.	Date: 8/20/01
	On this	day of	, in the year 2001, before me, Benjamin J. McCarroll, personally
name	on to me (or prove is subscribed to ame in his/her auterson, or the entite	ed to me on the basis of satisfact the within instrument, and ackn thorized capacity(ies), and that by y upon behalf of which the person	ory evidence) to be the person whose owledged to me that he/she executed by his/her signature on the instrument
		hand and official seal.	
Signa	iture		(SEAL)
3)	Signature: Typed Name:	Kevin K. Johnstone	Date:
Coun	ty of	,	
	of) \$\$	

Signed on the date(s) indicated beside my (our) signature(s).

On this day	of,	in the year 2001, before me
-	_, personally appeared Kevin !	K. Johnstone, personally known
to me (or proved to me on the	basis of satisfactory evidence)	to be the person whose name is
in his/her authorized capacity(e that he/she executed the same are on the instrument the person the instrument.
WITNESS my hand ar	nd official seal.	
Signature		(SFAL)

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- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signe	d on the date(s) indica	ted beside my (our) s	ignature(s).	
1)	Signature: Typed Name: Yusu	if A. Haque	Date: _8//	1/0/
Coun	ty of	,		
State	of	.) Ss.)		
	On this day	of, personally appea	, in the year 20 ared Yusuf A. Haque, person evidence) to be the person	001, before me, onally known to
subsc in his	ribed to the within ins her authorized capacit	trument, and acknow y(ies), and that by hi which the person acte	evidence) to be the person ledged to me that he/she ex s/her signature on the instru- ed, executed the instrument.	recuted the same
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Coun	Signature: Typed Name: Benj y of	,)	Date:	
	On this day	v of	, in the year 20	001, before me,
know name the sa	1 to me (or proved to is subscribed to the w me in his/her authoriz	me on the basis of sa within instrument, and sed capacity(ies), and in behalf of which the	eared Benjamin J. McCartisfactory evidence) to be the acknowledged to me that that by his/her signature of person acted, executed the second control of th	he person whose he/she executed n the instrument
Signa	ture			(SEAL)
3)	Signature: Typed Name: Kevin	n K. Johnstone	Date:	
	y of) ee		
State o	of)		

On this day o	of, in	the year 2001, before me,
	, personally appeared Kevin K.	Johnstone, 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 instru	ment, and acknowledged to me	that he/she executed the same
	es), and that by his/her signature	<u>*</u>
or the entity upon behalf of wh	ich the person acted, executed th	e instrument.
WITNESS my hand and	d official seal.	
a: .		(CEAL)
Signature		(SEAL)