08-25-2004		
Form PTO-1595 REC (Rev. 10/02)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
	Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): George Logsdon Ramesh Rao Teresa Colpaert Michael A. Hart Additional name(s) of conveying party(ies) attached? Yes No	2. Name and address of receiving party(ies) Name: National Semiconductor Corporation Internal Address:	
3. Nature of conveyance:		
Assignment Merger Security Agreement Change of Name	Street Address: 2900 Semiconductor Drive	
Other	City: <u>Santa Clara</u> State: <u>CA</u> Zip: <u>95051</u>	
Execution Date: August 18, 2004, respectively	Additional name(s) & address(es) attached? Yes V	
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers at		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Docket Clerk	7. Total fee (37 CFR 3.41)\$\frac{40.00}{}	
Internal Address: P.O. Drawer 800889	✓ Enclosed	
04 DTESSEM: 00000059 10320834 21 40.00 DP	Authorized to be charged to deposit account	
Street Address:	8. Deposit account number:	
City: Dallas State: TX Zip: 75380		
DO NOT USE THIS SPACE		
9. Signature.		
William A. Munck, Reg. No. 39,308 Name of Person Signing Total number of pages including cov.	Signature Signature Date Date	

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Sample Form (former PTO/SB/15) (08-03)

ASSIGNMENT OF APPLICATION	Docket Number (Optional) P06014				
Whereas, I/We, George Logsdon of Arlington, Texas hereafts. referred to as applicant, have invented certain new and useful improvements in MANUFACTURING					
EXCEPTION HANDLING SYSTEM					
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 A					
Whereas, National Semiconductor Corporation of Santa Clara, California	here referred				
to "assignee" whose mailing address is 2900 Semiconductor Drive	is				
desirous of acquiring the entire right, title and interest in the same;	· · · · · · · · · · · · · · · · · · ·				
Now, therefore, in consideration of the sum of Two dollars (\$ 2.00), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do seil, and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entrights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office 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 before the use and behoof of his legal representatives, to the full end of the term for which said Patent for the use and safe is a legal to be a day of August 2004. Executed this					
at NSTE ACHNOTON TOXAS					
State of Texas SS: George Logsdon Printed Name/f	Signature Registration No., if applicable				
County of <u>Tarrant</u>)					
Before me personally appeared said <u>George Logsdon</u>					
and acknowledged the foregoing instrument to be his free act and deed this/ O					
Seal Note: Signature: Note:	antative(s) are required. Submit multiple forms if				

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

		Sample Form (former PTO/SB/15) (198-1-3)
ASSIGNMENT OF APPLICATION	ON	Docket Number (Optional) P06014
Whereas, I/We, Ramesh Rao	of Arlington, Tex	as, hereafter
referred to as applicant, have invented certain new and EXCEPTION HANDLING SYSTEM	useful improvements	in MANUFACTURING
for which an application for a United States Patent	was filed on	
Application Number	<u>.</u> .	
X for which an application for a United States Patent	was executed on Au	igust 18, 2004
Whereas, National Semiconductor Corporation of Santa Cl	ara, California	hare referre
to "assignee" whose mailing address is 2900 Semiconde	uctor Drive	i i
desirous of acquiring the entire right, title and interest in	the same;	
Now, therefore, in consideration of the sum of Twacknowledge, and other good and valuable consideration and transfer unto said assignee the full and exclusive rights, title and interest in and to any and all Patents whereby authorize and request the Director of the U.S. I Patent to said assignee, of the entire right, title, and interest in an and behoof of his legal representatives, to granted, as fully and entirely as the same would have made. Executed this	on, I/We, the applicant of the said invention of the said invention of the said invention of the said to the said the full end of the been held by me had	(s), by these presents do sell, assign on in the United States and the entire therefore in the United States. I/We k Office to issue said United States me, for his sole use and behoof; and term for which said Patent may be it this assignment and sale not been
		-1/
		Signature
State of <u>Texas</u> County of <u>Tarrant</u> SS:	Ramesh Rao Printed Name/R	Registration No., if applicable
Before me personally appeared said Ramesh Rao		
and acknowledged the foregoing instrument to be his fro	ee act and deed this _	1891
day of	Du	a Doundson
Thore than one lightautes specified in the many section of the sec	re interest or their represer	ntative(s) are required. Submit multiple െ നടി
✓ Total of 4 forms are submitted.		

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

PATENT REEL: 015704 FRAME: 0323

Sample Form (former PTO/SB/15) (08-03);

ASSIGNMENT OF APPLICATION	Docket Number (Optional) P06014	
Whereas, I/We, Teresa Colpaertof Grand Prairie	, Texas hereafter	
referred to as applicant, have invented certain new and useful improvements	in MANUFACTURING	
EXCEPTION HANDLING SYSTEM		
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 A	ugust 18, 2004 , 2006	
Whereas, National Semiconductor Corporation of Santa Clara, California	here referred	
to "assignee" whose mailing address is 2900 Semiconductor Drive	is	
desirous of acquiring the entire right, title and interest in the same;		
Now, therefore, in consideration of the sum of	t(s), by these presents do sell, assign on in the United States and the entire therefore in the United States. I/We k Office to issue said United States me, for his sole use and behoof term for which said Paters is the distribution of this assignment and sale is a 2004.	
Husef	Signature	
State of Texas Teresa Colpaert		
SS: Printed Name/F	Registration No., if applicable	
Before me personally appeared said <u>Teresa Colpaert</u>		
and acknowledged the foregoing instrument to be his free act and deed this $\int \mathcal{S}^{\mathcal{U}_{i}}$		
Seal Note: Signature of the Graventor Express ignature of the entire interest or their representations to the control of the entire interest or their representations and the control of the entire interest or their representations and the control of the entire interest or their representations and the control of the entire interest or their representations and the control of the entire interest or their representations and the control of the entire interest or their representations and the control of the entire interest or their representations and the control of the entire interest or their representations and the control of the entire interest or their representations and the control of the entire interest or their representations and the control of the entire interest or their representations and the control of the entire interest or the control of the	a Submit multiple rolling i	
Total of 4 forms are submitted	the state of the s	

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	Sample Form (former PTO/SB/15) (08-00)			
ASSIGNMENT OF APPLICATION	Docket Number (Optional) P06014			
Whereas, I/We, Michael A. Hartof _Arlington, Tex				
referred to as applicant, have invented certain new and useful improvements	in MANUFACTURING			
EXCEPTION HANDLING SYSTEM	, ,			
for which an application for a United States Patent was filed on				
Application Number	1			
for which an application for a United States Patent was executed on Au	gust 18, 2004 and			
Whereas, National Semiconductor Corporation of Santa Clara, California 95051	here referred			
to "assignee" whose mailing address is 2900 Semiconductor Drive	is			
desirous of acquiring the entire right, title and interest in the same;				
Now, therefore, in consideration of the sum of Two dollars (\$ 2.00), the receipt where A s acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, and transfer unto said assignee the full and exclusive right to the said invention in the United States and the share rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office 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 Student fine of the same would have been held by me had this assignment and sale not been made. Student fine of the same would have been held by me had this assignment and sale not been made. Student fine of the same would have been held by me had this assignment and sale not been made. Student fine of the same would have been held by me had this assignment and sale not been made. Student fine of the same would have been held by me had this assignment and sale not been made. Student fine of the same would have been held by me had this assignment and sale not been made. Student fine of the same would have been held by me had this assignment and sale not been made. Student fine of the same would have been held by me had this assignment and sale not been made. Student fine of the same would have been held by me had this assignment and sale not been made. Student fine of the same would have been held by me had this assignment and sale not been made. Student fine of the same would have been held by me had this assignment and sale not be same would have been held by me had this assignment and s				
State of Texas Michael A. Hart SS: Printed Name/R	Signature egistration No., if applicable			
County of Tarrant	agostation res., ii approazio			
Before me personally appeared said <u>Michael A. Hart</u>				
and acknowledged the foregoing instrument to be his free act and deed this				
Seal Note: Signatures of all the inventors or assignees of record of the entre interest or their representation one signature is frequently. Sea below Expires 4/19/2007	tative(s) are required. Submit multiple forms if			
Total of 4forms are submitted.				

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RECORDED: 08/18/2004

PATENT

REEL: 015704 FRAME: 0325