FORM P(0-1595 1-31-9)	01-15-2003		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademark:	4 A 2 2	37609	y thereof.	0
Name of conveying party(ies):		2. Name and address of r	receiving party(ies):	<u>₽</u>
Yong Rao	3-03	Name: National Instru	iments Corporation	853 853
		Internal Address:		33.0
				10
Additional name(s) of conveying party(ies) attached? Yes No		Street Address: 11500 N. MoPac Expwy, Bldg. B		
		City Austin	State TV 7/ID	707.50
		City Austin	State TX ZIP	18/39
		Additional name(s) & add	lress(es) attached? Yes No	
3. Nature of Conveyance:				
Assignment Merger				
Security Agreement Change of Name				
Other	THE TAXABLE PROPERTY OF THE PARTY OF THE PAR			
Execution Date: 12/31/02 and 01/03/03				
 Application number(s) or patent number(s): If this document is being filed together with a new application 	ation, the execution d	ate of this application is: Ja	nuary 8, 2003	
A. Patent Application No.(s) 10338534		nt No.(s)		
!				
Addit	tional numbers attach	ed? Yes No		
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applica	ations and patents involved: 1	
Name: Jeffrey C. Hood				
Internal Address: Meyertons, Hood, Kivlin, Kowert & Goetzel	1 PC			
Street Address: P.O. Box 398				
City Austin State TX ZIP 78767-0398				
		7. Total fee (37 CFR 3.41)):\$ 40.00	
		Fee authorization	on enclosed	
···-			oc charged to deposit account	
1/15/2003 GTDN11 00000055 501505 10338534		Deposit account number (Attach a duplicate copy of	r: 501505-5150-77300/JCH of this page if paying by deposit account)	
1 FC:8021 40.00 CH		The state of the s		40.6
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9. Statement and Signature.	***************************************	14		· · · · · · · · · · · · · · · · · · ·
To the best of my knowledge and belief, the foregoing info	rmation is true and c	orrect and any attached copy	y is a true copy of the original document.	
	/ < \//	•		
Mark S. Williams Name of Person Signing	と フ. い/し Signature	aus	January 8, 2003 Date	
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PATENT REEL: 013646 FRAME: 0088

PATENT 5150-77300

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN AND TRANSFER to NATIONAL INSTRUMENTS CORPORATION. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 11500 N. MoPac Expwy., Austin, TX 78759-3504, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled ZERO CROSSING METHOD OF SYMBOL RATE AND TIMING ESTIMATION, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignce shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

Page 1 of 2

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(Signature) Name: Yong Rao

NATIONAL INSTRUMENTS

RECORDED: 01/08/2003

Witness (Printed Name): MARIUS GHERGOW

Jeffrey C. Hood Meyertons, Hood, Kivlin, Kowert & Goetzel PC. P.O. Box 398 Austin, TX 78767-0398

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