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Form PTO 1595 (Rev. 6-93) //-25-03 RECORI		ept. of Commerce and Trademark Office
To the Commissioner for Patents: Please:	102730623	or copy thereof.
1. Name of conveying party(ies): Mihai Adrian Tiberiu SANDULEANU	2. Name and address of receiving party(ies): Name: Koninklijke Philips Electronics N.V. Internal Address: Street Address: Groenewoudseweg 1 NL-5621 BA Eindhoven The Netherlands	
Additional name(s) of conveying party(ies)		
Yes X No		
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Terms	Additional name(s) & addre	egg(eg) attached?
Other Execution Date: 1/8/03.	Yes	No No
4. Application number(s) or patent number(s):		
If this document is being filed together with a application, is $\frac{1/8/03}{A}$. Patent Application No.(s)	B. Patent No (s)	Yes X No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applicatinvolved:	tions and patents
Name: Philips Electronics North America Corporation	7. Total fee (37 CFR 3.41)	\$40.00
Internal Address:	Enclosed X Author	rized to Deposit Account
Street Address: P.O. Box 3001 345 Scarborough Road	8. Deposit Account Number: (Attach duplicate copy by deposit account)	
City: Briarcliff Manor State: NY Zip: 10510		
DO NOT	USE THIS SPACE	
9. Statement and signature.		
To the best of my knowledge and belief, the fore attached copy is a true copy of the original document.	going informations true an	d correct and any
Michael E. Marion, Reg. 32,266		11/2//03
Name of Person Signing	Signature	Date
Total number of pages including cover sheet, attachments, and document: 2 Mail documents to be recorded with required cover sheet information to:		
Box Ass	for Patents ignments VA 22313-1450	

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PATENT REEL: 015253 FRAME: 0384 (sign name here)

RECORDED: 11/25/2003

For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to Koninklijke Philips Electronics N.V. (hereinafter "Assignee") a corporation existing under the laws of Kingdom of the Netherlands, whose business address is Groenewoudseweg 1, 5621 BA Eindhoven, the Netherlands, its
successors and assigns, the application for a United States Patent for the improvements in a "Frequency locked loop, clock recovery circuit and receiver" invented by me, which application:
1 requestion to the state of th
is executed concurrently herewith
was executed by me/us on
is Serial No filed
x is International Application No. PCT/IB02/01871filed27. May2002,
and all rights in and to said application, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee as assignee of the entire interest and covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns and nominees, to obtain and enforce proper protection for said invention.
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PATENT REEL: 015253 FRAME: 0385

, Assignor