Form PTO-1995 (Rev. 1007) (Rev. 1007) (Rev. 1007) (MB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇔ ⇔ ⇔ ↑ 10/2586000  To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.  1. Name of conveying party(ies): TOD F. SCHIFF  2. Name and address of receiving party(ies) Name: ANALOG DEVICES, INC. Internal Address:  Additional name(s) of conveying party(ies) attached? Yes ✓ No  3. Nature of conveyance:  Assignment	10-29-2003		
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.  1. Name of conveying party(ies):     TOD F. SCHIFF  2. Name and address of receiving party(ies)     Name: ANALOG DEVICES, INC.     Internal Address:     Additional name(s) of conveying party(ies) attached? Yes VNo  3. Nature of conveyance:     Assignment	Tab settings ⇒ ⇒ ⇒ ▼ 102586	8000 <b>v v v</b>	
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3. Nature of conveyance:  Assignment Merger Security Agreement Change of Name Other		Name: ANALOG DEVICES, INC.	
✓ Assignment Merger   Security Agreement Change of Name   Other	Additional name(s) of conveying party(ies) attached? Yes No	80 U.S. W.S. W.S. W.S. W.S. W.S. W.S. W.S.	
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Security Agreement Change of Name  Other	Assignment Merger	8	
City: NORWOOD State: MA Zip: 02062  Additional name(s) & address(es) attached? Yes No  4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is: 10/16/2003  A. Patent Application No.(s) B. Patent No.(s)  Additional numbers attached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Koppel, Jacobs, Patrick & Heybl  Internal Address: Patrick & Heybl  Internal Address: Additional numbers attached? Authorized to be charged to deposit account		Street Address: ONE TECHNOLOGY WAY	
Additional name(s) & address(es) attached? Yes No  4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is: 10/16/2003  A. Patent Application No.(s)  B. Patent No.(s)  Additional numbers attached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Koppel, Jacobs, Patrick & Heybl  Internal Address:  Internal Address:  Additional name(s) & address(es) attached? No  B. Patent No.(s)  6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)	Other	City: NORWOOD State: MA Zip: 02062	
If this document is being filed together with a new application, the execution date of the application is:10/16/2003  A. Patent Application No.(s)	10/16/2003 Execution Date:	Additional name(s) & address(es) attached? Yes V	
concerning document should be mailed: Name: Koppel, Jacobs, Patrick & Heybl Internal Address:  Authorized to be charged to deposit account			
Name: Koppel, Jacobs, Patrick & Heybl  Internal Address:	· · · · · · · · · · · · · · · · · · ·	6. Total number of applications and patents involved:	
Internal Address:  Authorized to be charged to deposit account	•	7. Total fee (37 CFR 3.41)\$40.00	
	Internal Address:	<b>✓</b> Enclosed	
		Authorized to be charged to deposit account	
Street Address: 555 ST. CHARLES DRIVE, STE 107  11-1580	Street Address: 555 ST. CHARLES DRIVE, STE 107	8. Deposit account number:  11-1580	
City: Thousand Oaks State: CA Zip: 91360	City: Thousand Oaks State: CA Zip: 91360		
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STEVEN C. PATRICK  Name of Bornon Signing  Signature  Data			
Name of Person Signing Signature Date  Total number of pages including cover sheet, attachments, and documents:		<b>6</b> 5	

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Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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**PATENT** 

**REEL: 014628 FRAME: 0212** 

Docket No. A8SJ2350US

PATENT

## ASSIGNMENT

I, Tod F. Schiff, residing at 8902 NW Benson Street, Portland, OR 97229, represent that I have invented improvements in a new and useful MULTI-PHASE DC-DC CONVERTER TOPOLOGY for which I have executed an application for Letters Patent of the United States of America on the same day as my execution of this Assignment.

Analog Devices, Inc. (ADI) is a corporation organized and existing under the laws of the State of Massachusetts, has a place of business at One Technology Way, Norwood, Massachusetts 02062, and desires to acquire the entire right, title and interest in and to the invention, application and letters patent to be granted and issued thereon.

For valuable consideration, the receipt and legal sufficiency of which I acknowledge, I have sold and do hereby sell, assign, transfer and set over unto ADI, its successors and assigns, the entire right, title and interest in and to the invention and all improvements thereon, in and to the application for letters patent thereon, in and to applications pertaining to or based upon the invention and application, including divisional and continuing applications and continuations-in-part, and in and to any and all letters patent which may be granted and issued on the invention and applications, or any of them, in the United States of America, its territories and possessions, and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

I also agree that I will, at the request of ADI, execute any and all applications for letters patent for the invention, execute any and all other papers and documents and do all other and further lawful acts that ADI may deem necessary or desirable to obtain letters patent on the invention, to secure the grant of such letters patent and to protect and vest in ADI the undivided interests in the right, title and interest in the invention, applications and letters patent.

I also authorize and empower ADI, its successors and assigns to apply for and obtain, in its or their own names, letters patent for the invention before competent International Authorities and in any and all countries foreign to the United States in which applications for letters patent can be so made or letters patent so obtained.

Signed at Partland, OR youth and state)	, Ockber 16 , 2003
Tod F. Schiff	
WITNESS	WITNESS
(type or print name)	(type or print name)

PATENT RECORDED: 10/16/2003 REEL: 014628 FRAME: 0213