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To the Honorable Commissioner of Patents and Trademarks: Ple	pase record the attached original documents or copy thereof.
Name of conveying party(ies):	Name and address of receiving party(ies):
Jonathan Lamb	Name Semtech Corporation
	Internal Address
	The many dates
Additional name(s) of conveying parties attached? Yes x No	
3. Nature of conveyance:	
X Assignment   Merger	Street Address 652 Mitchell Road
☐ Security Agreement ☐ Change of Name	Newbury Park, CA 91320-2289
Other	
Execution Date 10/10/2001	
	Additional name(s) & address(es) attached?Yes x No
A. Patent Application No Patent No. (s)  Additional numbers at  5. Name and address of party to whom correspondence concerning document should be mailed:  NameThelen Reid & Priest LLP	6. Total number of applications and patents involved  7. Total fee (37 CFR §3.41)
Internal Address	
	x Enclosed
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Street Address P. O. Box 640640	8. Deposit account number:
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City <u>San Jose</u> State <u>SA</u> Zip <u>95164-0640</u> 2/2002 DBYRNE 00000090 09911643	(Attach duplicate copy of this page if paying by deposit account
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9. Statement and signature  To the best of my knowledge and belief, the foregoing information original document.  Dominique Lowitz  Name of Person Signing	ation is true and correct and any attached copy is a true copy of the

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

Commissioner of Patents & Trademarks, Box Assignments, Washington, DC 20231

PATENT

## **ASSIGNMENT**

WHEREAS, I, Jonathan Lamb, a citizen of the United Kingdom, residing at 8 Heather Close, St. Leonards, Ringwood, Hampshire, United Kingdom, have invented an "IMPROVED PHASE AND FREQUENCY DETECTOR PROVIDING IMMUNITY TO MISSING INPUT CLOCK PULSES" for which I have executed application papers for a U.S. patent thereon which was filed on July 19, 2001, serial number 09/911,643; and

WHEREAS, **SEMTECH CORPORATION**, a California corporation, having a place of business at 652 Mitchell Road, Newbury Park, CA 91320-2289, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I, Jonathan Lamb, do sell, assign, transfer and set over unto the said SEMTECH CORPORATION, its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said SEMTECH CORPORATION, its successors and assigns, in accordance with this Assignment.

Jonathan Lamb

10/10/2001

**RECORDED: 02/05/2002** 

PATENT REEL: 012591 FRAME: 0742