FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

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U.S. Department of Commerce Patent and Trademark Office PATENT

1-7-09 RECI	101945702							
TO: The Commissioner Patents and Trademarks: Please record the attached original document(s) or copy(ies).								
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( ) Corrective Document Reel # Frame #	( ) Departmental File ( ) Secret File							
Conveying Party(ies) ( )Mark if a	additional names of conveying parties attached Execution Date							
Name (1) Natalya F. Naumenko	Month Day Year  January 16, 2001							
Name (2) Benjamin P. Abbott	Execution Date							
Name (3)	Month Day Year							
Name (4)								
Receiving Party ( )Mark if additional	al names of receiving parties attached							
Name (line 1) Sawtek Inc.	( ) If document to be recorded is an assignment and the							
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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

FÖRM PTO-1619B Expires 06/30/99 OMB 0651-0027	PATEN	O/Am Pa	age 2	U.S. Department of Commerce Patent and Trademark Office PATENT				
Correspondent Name			Code and Telephone Number	(407) 841-2330				
Name _	Herbert E.M.	Minen .						
Address (line 1)	Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A.							
Address (line 2)	2) 255 South Orange Avenue, Suite 1401							
Address (line 3)	Post Office Box 3791							
Address (line 4)	Orlando, FI	32801-3791						
Pages Enter the total number of pages of the attached conveyance document including any attachments. # 4								
Application Number(s) or Patent Number(s) ( ) Mark if additional numbers attached								
Enter either the Patent .	Application Number o	or the Patent Nu	mber (DO NOT ENTER BOTH 1	numbers for the same property).				
Patent Application Number(s)  Patent Number(s)								
(	09/848,714							
If this document is being filed together with a <u>new Patent Application</u> , enter the date the patent application was Month Day Year signed by the first named executing inventor.								
Patent Cooperation T	reat (PCT)							
Enter PCT application number only if a U.S. Application Number has not been assigned.		PCT	PCT	PCT				
		PCT	PCT	PCT				
Number of Properties	S	Enter the tota	I number of properties involved.	. #1				
Fee Amount  Method of Payn  Deposit Accoun	nent:	Amount for Prop Enclosed (X	erties Listed (37 CFR 3.41): ) Deposit Account (	\$ <u>40.00</u>				
(Enter for payment	by deposit account or if ac			# 01-0484				
01/11/2002 NACHUMAN 0000005		-	osit Account Number:	<del>_</del>				
04 FC:581	40.00 DP	Autno	rization to charge additional fees:	Yes (X) No ()				
Statement and Signat	ture							
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.								
Herbert L. Allen		Atte	sitt alles	October 25, 2001				
Name of Person Signing		Signature	<b>)</b>	Date				

PATENT REEL: 012445 FRAME: 0751

## **ASSIGNMENT**

WHEREAS, **Natalya F. Naumenko**, of Kashirskove shosse, 80-1-135, Moscow, Russia 115569, and **Benjamin P. Abbott**, of 8427 Milano Drive, Orlando, FL 32810, hereinafter collectively referred to as Assignors, have made certain improvements or inventions in **Surface Acoustic Wave Devices Using Optimized Cuts of a Piezoelectric Substrate**, for which Assignors have executed an application for United States Letters Patent filed on May 3, 2001 in the United States Patent and Trademark Office and given Application Serial No. 09/848,714; and

WHEREAS, **SAWTEK INC.**, a Florida corporation, hereinafter referred to as Assignee, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for and in consideration of One Dollar (\$1.00) lawful money of the United States, and other good and valuable consideration, receipt whereof is hereby acknowledged, the Assignors do hereby sell, assign and transfer to the Assignee, its successors and assigns, all right, title and interest in and to the United States Patent application, the invention or inventions therein shown and described and any improvements on the inventions heretofore or hereafter made, any divisions or continuations of the application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of the patents; and the Assignors do hereby authorize and request the Commissioner of Patents to issue all patents on the United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And the Assignors for the consideration hereby covenant and agree that the Assignors are the owners of the full title herein conveyed and have the right to convey the same, and agree that the Assignors will communicate to the Assignee any facts known to the Assignors respecting the invention or inventions, and testify in any legal proceedings when called upon by the Assignee, sign all lawful papers deemed by the Assignee as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid the Assignee, its successors and assigns, in obtaining full patent protection on the invention and enforcing proper protection under the patents, but in every instance at the Assignees' expense.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on the day and year set forth below.

Date: 25 Oct. 01

Natalya F. Naumenko

STATE OF FLORIDA COUNTY OF OR ANGE

On this 25 day of 0, 2001, before me personally appeared the above-named **Natalya**F. Naumenko, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Carl M. Napolitano
My Commission DD040028
Expires August 12, 2008

My Commission Expires:

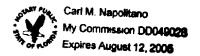
PATENT REEL: 012445 FRAME: 0752

Date:	10	25	0	1	

Benjamin P albet

STATE OF FLOUDA COUNTY OF ORANGE

On this 25 day of 2001, before me personally appeared the above-named Benjamin P. Abbott, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



**RECORDED: 01/07/2002** 

NOTARY PUBLIC

My Commission Expires:

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