FORM PTO-1595	04-23-2003	VER SHEET U.S. DEPARTMENT OF COMMERCE	
To the Director - U.S. Pa		2Y Patent and Trademark Office	
10 the Director - U.S. Pt		cuments or copy thereof.	
1. Name of conveying pa	102428021	2. Name and address of receiving party:	
I arry Muffoletto	4-11-03) o	
Ashish Shah	41(-0)	Name: Wilson Greatbatch Technologies, Inc \$ 2	
Donald Stephenson	• , ,	ř	
Additional names of con	veying parties attached?		
3. Nature of conveyance:		Internal Address:	
5, , a.u.			
Assignment	□ Merger		
Security Agreement	□ Change of Name	Street Address: 10,000 Wehrle Drive	
Other:			
E recution Date: Muffoletto-4/3/2003		City: Clarence State: NY ZIP: 14031	
Shah-4/3/2003		Additional names and addresses attached? Yes □ No □	
Stephenson-4/4/2003 4. Application number(s) of	r notant number(c):	A Control of the Cont	
If this application is bei application is: A. Patent Application N		w application, the execution date of the B. Patent No.(s)	
	Additional Numbers atta	iched? Yes No	
5. Name and address of par	, , , , ,	6. Total number of applications and patents	
correspondence concern		involved: /_1_/	
l e mailed:	O	7. Total fee (37 CFR 3.41)\$\u00e40.00	
Name: Michael F. Scali	se	■ Enclosed	
		A of the land of the demands account	
Vilson Greatbatch Tech	nologies, Inc.	Authorized to be charged to deposit account.8. Deposit Account number:	
Address: 10,000 Wehrle Drive		8. Deposit Account number.	
10,000 110111			
City: Clarence State:		(Attach duplicate copy of this page if paying by deposit account.)	
		E THIS SPACE	
9. Statement and signature			
To the best of my knowle	dge and belief, the foregoin	ag information is true and correct and any attached copy	
	10.00 OP	Wharlachse April 11, 2003	
Michael F. Scalise, Reg. No.			
Name of Person Signing Signature Date Total number of pages including cover sheet, attachments and document:			
		5	
MAIL TO: Director -	U.S. Patent and Tradema	rk Office, Box Assignments	

Director - U.S. Patent and Trademark Office, Box Assignments Washington, D.C. 20231

ASSIGNMENT OF INVENTION

WHEREAS, we, Barry Muffoletto, 11747 Buckwheat Road, Alden, New York 14004, Ashish Shah, 16 San Pablo Court, East Amherst, New York 14051 and Donald Stephenson, 196 Patrice Terrace, Williamsville, New York 14221, have invented a certain new and useful improvement in Substrate Having A Modified Native Oxide Layer For Improved Electrical Conductivity for which an application for Letters Patent in the United States was executed on the date(s) which appear next to our signatures.

AND WHEREAS, Wilson Greatbatch Technologies, Inc., 10,000 Wehrle Drive, Clarence, New York 14031 is desirous of acquiring all interest in said invention, said application, and in any Letters Patent which may be granted therefor;

AND WHEREAS, at the time the invention was made, we were under an obligation to assign all of our right, title, and interest in our said invention to Wilson Greatbatch Technologies, Inc..

NOW THIS INDENTURE WITNESSETH, that for the sum of one dollar and other valuable consideration to us in hand paid, the receipt of which is hereby acknowledged, we hereby assign, sell, and transfer unto said Wilson Greatbatch Technologies, Inc. the entire right, title, and interest in said invention, said application, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights, rights under the International Convention For The Protection Of Industrial Property, rights under the Patent Cooperation Treaty, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to said Wilson Greatbatch Technologies, Inc. as the assignee of the whole right, title, and interest thereto.

And we further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid invention, as the assignee thereof shall hereafter require and prepare at its own expense.

PATENT REEL: 013976 FRAME: 0095

WITNESS, my hand and seal this	day of Apric , 2003,
·	Barry Muffoletto
STATE OF NEW YORK)	
COUNTY OF ERIE)	
On this day of	in the year <u>2003</u> , before me, the subscriber, <u>reffo</u> , to me known to be the person described in he acknowledged that he executed the same.
	Cherift R. Bakas
CHERYL R. BAKOS Notary Public, State of New York No. 01BA6013457 Qualified in Erie County [Seal] Commission Expires Sept. 14, 20	Notary Public

PATENT REEL: 013976 FRAME: 0096

WITNESS, my hand and seal this	03 day of APRIL, 2003.
	Ashish Shah
	Ashish Shan
STATE OF NEW YORK)	
COUNTY OF ERIE)	
On this day of	in the year <u>1003</u> , before me, the subscriber, , to me known to be the person described in ne acknowledged that he executed the same.
CHERYL R. BAKOS Notes of New York	otary Public
Notary Public, State of New York No. 01BA6013457	
[Seal] Qualified in Erie County Commission Expires Sept. 14, 2006	

PATENT REEL: 013976 FRAME: 0097

WITNESS, my hand and seal this 4th	day of APRIL , aoo3 .
$\overline{\mathfrak{D}}$	orald H. Stephenon
Dor	nald H. Stephenson
STATE OF NEW YORK)	
COUNTY OF ERIE)	
On this day of April i personally came day of i. Stephens and who executed the within instrument, and he	In the year $\frac{2003}{50}$, before me, the subscriber, so the known to be the person described in acknowledged that he executed the same.
Not	tary Public
[Seal]	JULIANNE MAYO Notary Public, State of New York Qualified in Erie County My Commission Expires

PATENT
RECORDED: 04/11/2003 REEL: 013976 FRAME: 0098