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PATENT  
VTO277-US1

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MRD 11/9/99

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):  
Katherine Crawford Sudduth and Thomas Flavian Strange  
Additional Name(s) of conveying party(ies) attached?  yes  no

2. Name and address of receiving party(ies)  
Name: PACESETTER, INC.  
Internal Address: \_\_\_\_\_

JCE7B U.S. PTO  
09/437737

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: 10/28/99

Street Address: 701 E. EVELYN AVENUE  
City SUNNYVALE State CA Zip 94086  
Additional name(s) and address(es) attached?  
 yes  no

4. Applications number(s) or patent Number(s): 09/437737  
If this document is being filed together with a new application, the execution date of the application is:  
10/28/99  
A. Patent Application No.(s): \_\_\_\_\_ B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  yes  no

5. Name and address of party to whom correspondence concerning documents should be mailed  
Name: Jeanne Guynes  
Internal Address: PACESETTER, INC.  
Street Address: 701 E. EVELYN AVENUE  
City SUNNYVALE State CA Zip 94086

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit Account Number:  
22-0265  
(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 is true and correct and any attached copy is a true copy of the original document.  
  
STEVEN M. MITCHELL  
Name of Person Signing  
  
[Signature] 11/9/99  
Signature Date  
  
Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp.4/94)

ASSIGNMENT

WHEREAS, I as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an) METHOD FOR A PATTERNED ETCH WITH ELECTROLYTICALLY GROWN MASK for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_; and

WHEREAS, PACESETTER, INC. (hereinafter referred to as Pacesetter), a Delaware Corporation, having a principal place of business in Sunnyvale, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and Pacesetter, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to Pacesetter, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in-part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefore in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters Patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said Pacesetter, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to Pacesetter, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by Pacesetter, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of Pacesetter, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in Pacesetter, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

Full Name of Sole or Joint Inventor Katherine Crawford Sudduth	Inventor's Signature <i>Katherine Crawford Sudduth</i>	Date 10/28/99
Residence (City and State) 218 Haywood Acres Drive Easley, SC 29640		Invention Agreement Date October 22, 1998

STATE OF South Carolina )  
 ) SS:  
 COUNTY OF Pickens )

On 10/28/99, before me, the undersigned, a Notary Public in and for said State, personally appeared Katherine Crawford Sudduth known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacity, and that by their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public *Christopher R. Fey*

Full Name of Second Inventor Thomas Flavin Strange	Inventor's Signature <i>Thomas Flavin Strange</i>	Date 10/28/99
Residence (City and State) 209 Edgemont St. Easley, SC 29642		Invention Agreement Date September 30, 1996

STATE OF South Carolina )  
 ) SS:  
 COUNTY OF Pickens )

On 10/28/99, before me, the undersigned, a Notary Public in and for said State, personally appeared Thomas Flavin Strange known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacity, and that by their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public *Christopher R. Fey*