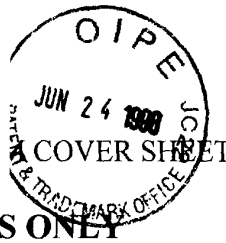


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PATENTS ONLY



U.S. Department of Commerce  
Patent and Trademark Office

Our Ref.: 2528-2

Commissioner of Patents and Trademarks  
Box Assignment, Washington, D.C. 20231

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

<b>1. Name of conveying party(ies):</b> Jeffrey A. Heroux Marta L. Corcoran Savitha M. Rao		<b>2. Name and address of receiving party(ies):</b> Name: <u>IGEN International, Inc.</u> Internal Address: _____ Street Address: <u>16020 International Drive</u> _____ City: <u>Gaithersburg</u> State/Country: <u>Md</u> Zip: <u>20877</u>	
Additional name/s of conveying party/ies attached? <input type="checkbox"/>		Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			
Execution Date: <u>March 11, 1998, March 11, 1998 &amp; May 11, 1998, respectively</u>			
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is: _____			
A. Patent Application No(s). (1) <u>09/023,483</u> (2) _____ (3) _____		B. Patent No(s). (1) _____ (2) _____ (3) _____	
Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: <u>Thomas E. Byrne</u> Internal Address: _____ Street Address: <u>Nixon &amp; Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8<sup>th</sup> Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u>		<b>6. Total number of applications &amp; patents involved:</b> <u>1</u>	
		<b>7. Total fee (37 CFR 3.41)</b> \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140	
		<b>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</b>	
<b>DO NOT USE THIS SPACE</b>			
<b>9. Statements and signature.</b> 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.			
07/06/1998 MPEOPLES 00000024 09023483 05 FC:581 Thomas E. Byrne Name of Person Signing Reg. No. 32,205		[Signature] Signature June 24, 1998 Date	
Total number of pages including original cover sheet, attachments, and document: [5]			

## ASSIGNMENT

WHEREAS, **Jeffrey A. Heroux, Marta L. Corcoran and Savitha M. Rao**, (hereinafter ASSIGNORS) of **4192 Palamino Lane, Middletown, MD 21769, 5 Lynn Manor Court, Rockville, MD 20850 and 4 Swan Stream Court, Gaithersburg, MD 20874**, respectively, have invented a certain improvement in **ASSAY METHODS FOR NUCLEIC ACID IN A SAMPLE** for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on **February 13, 1998** under Serial No. **09/023,483**;

WHEREAS, **IGEN International, Inc.** (hereinafter ASSIGNEE), a corporation of the State of **Delaware**, having an office and place of business at **16020 Industrial Drive, Gaithersburg, MD 20877** is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

And, ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related

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PATENT  
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to the said invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

Agreeing, further, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

3/11/98  
Date

Jeffrey A. Heroux  
Jeffrey A. Heroux

COUNTY OF *Montgomery*  
ss:  
STATE OF *Maryland* )

On this 11 day of March 1998, **Jeffrey A. Heroux** appeared before me personally and acknowledged to me that he executed the foregoing Assignment as his free act and deed for the uses and purposes therein set forth.

Donna G. Riccardi  
Notary Public

My Commission Expires: 10-3-00

(SEAL)

3-11-98

Date

Marta L. Corcoran  
Marta L. Corcoran

COUNTY OF Montgomery )  
STATE OF Maryland )  
SS:

On this 11 day of March 1998, **Marta L. Corcoran** appeared before me personally and acknowledged to me that he executed the foregoing Assignment as his free act and deed for the uses and purposes therein set forth.

Donna A. Riccardi  
Notary Public

My Commission Expires: 10-3-00

(SEAL)

5/11/98

Date

Savitha M. Rao

Savitha M. Rao

COUNTY OF Montgomery  
STATE OF Maryland <sup>ss:</sup>

On this 11 day of May 1998, **Savitha M. Rao** appeared before me personally and acknowledged to me that he executed the foregoing Assignment as his free act and deed for the uses and purposes therein set forth.

Donna L. Riccardi

Notary Public

My Commission Expires: 10-3-00

(SEAL)