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To the Director of the U.S. Patent and Trad

ginal documents or copy thereof.

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1. Name of conveying party(ies):
Antonio M. Goncalves

2. Name and address of receiving party(ies):

Temple University
Broad Street and Montgomery Avenue
Philadelphia, PA 19122

Additional name(s) of conveying party(ies) attached Yes No

Additional name(s) & addresses attached? Yes No

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: September 8, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is September 8, 2003

A. Patent Application No.(s)

10660308

B. Patent No.(s)

Additional numbers attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Robert E. Cannuscio, Esquire
Drinker Biddle & Reath LLP
One Logan Square
18th & Cherry Streets
Philadelphia, PA 19103-6996

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: 50-0573

Attorney Docket No. 6056-316 CT1(189230)

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9. 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.

Robert E. Cannuscio
Name of Person Signing

Signature

September 10, 2003
Date

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Director of the U.S. Patent and Trademark Office
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Washington, D.C. 20231

ASSIGNMENT

WHEREAS, **Antonio M. Goncalves**, a citizen of the Portugal with a post office address of 7909 Anselm Road, Elkins Park, Pennsylvania 19027, hereinafter generally referred to as "ASSIGNOR", has invented a certain new and useful

AUTOMATED SYSTEM FOR HIGH-THROUGHPUT ELECTROPHORETIC SEPARATIONS

for which I have on even date executed an application for Letters Patent of the United States, and,

WHEREAS, Temple University - Of The Commonwealth System of Higher Education, a Pennsylvania corporation having a place of business at Broad Street and Montgomery Avenue, Philadelphia, Pennsylvania 19122, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said Provisional application,

WHEREAS, now and at the time the invention was made, said invention was subject to an obligation by ASSIGNOR to assign his entire right, title and interest therein to ASSIGNEE.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, I, the undersigned ASSIGNOR, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above Provisional application, for the territory of the United States and its possessions and territories and all foreign countries, and

in and to the above Provisional application and any and all United States Letters Patent which may be granted on regularly filed applications under 35 U.S.C. §111(a) for Letters Patent which claim priority from said application; and all United States and foreign Letters Patent which may be granted on said invention including divisions, reissues and continuations;

said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been made; and for the aforesaid consideration ASSIGNOR hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

A. Goncalves (L.S.)
ANTONIO M. GONCALVES

Commonwealth of Pennsylvania :
County of *Philadelphia* 66

Before me, on this 8 day of September, 2003 personally appeared **Antonio M. Goncalves** who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Giselle Valentin
Notary Public

NOTARIAL SEAL
GISELLE E. VALENTIN, Notary Public
City of Philadelphia, Phila. County
My Commission Expires January 17, 2007

(SEAL)