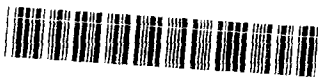


12-31-2003



12/24/03

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Tab settings

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Gert Cauwenberghs, Milutin Stanacevic, George Zweig**

Additional names(s) of conveying party(ies)  Yes  No

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

Name: **The Johns Hopkins University**

Internal Address: \_\_\_\_\_

Street Address: **100 N. Charles Street, 5th Floor**

City: **Baltimore** State: **Md** ZIP: **21201**

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: **11/18/03; 11/18/03; 12/19/03**

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

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

**10/429,945 filed on  
May 6, 2003**

Additional numbers attached?  Yes  No

B. Patent No.(s)

**500 2003**

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

Name: **Clyde R Christofferson**

Internal Address: **Whitham, Curtis & Christofferson, PC**

Customer Number: **30743**

Street Address: **11491 Sunset Hills Road, Suite 340**

**12/30/2003 ECDPER 00000247 10429945**

**01 FC:0021 40.00**

City: **Reston** State: **Va** ZIP: **20190**

6. Total number of applications and patents involved: **1**

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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.

**Michael E. Whitham Reg No. 32,635**

Name of Person Signing

Signature

**December 24, 2003**

Date

Total number of pages including cover sheet, attachments, and document: **4**

Docket No.: 03940057AA

**ASSIGNMENT OF INVENTION**

**WHEREAS WE**, Gert Cauwenberghs, Milutin Stanacevic and George Zweig, have invented certain new and useful improvements in an invention entitled: **METHOD FOR GRADIENT FLOW SOURCE LOCALIZATION AND SIGNAL SEPARATION**, for which a United States Patent Application bearing Serial Number 10/429,945 having been filed on May 6, 2003,

**WHEREAS**, Johns Hopkins University, having a principal place of business in Baltimore, Maryland, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring certain rights thereunder; and

**NOW THIS INDENTURE WITNESSETH**, that for a valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer unto said **ASSIGNEE** the entire right, title and interest in and throughout the United States of America (including its possessions and dependencies) and all countries foreign thereto, in and to said invention (whether patentable or not), of any country, which have been or may be granted on said invention or any part thereof, or any divisional, substitute, continuation-in-whole or in part, renewal, reissue or other patent applications based thereon, and based upon said invention, together with the right of said **ASSIGNEE** to apply for such patent in its own name in all countries of the world where such is permissible by law, and the right to claim the benefit of priority right provided by the International Convention of 1883, as amended to date, and any such priority right:

**AND I** do hereby authorize and request the Commissioner of Patents to issue any and all United States Patents which may be granted upon said invention or any part thereof, to said **ASSIGNEE**;

**AND I** hereby agree for myself, and for my heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any divisional, continuation-in-whole or in part, substitute, renewal, reissue, or other applications for patents for any country that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patent of any of them;

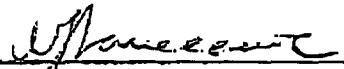
**AND I** hereby further agree to sign and properly execute such necessary and lawful papers for application for foreign patents and inventor's certificates for filing applications for United States, foreign patents and inventor's certificates for subdivisions of any applications for patent or inventor's certificate and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention and to perform such further acts as may be required to carry out the intent of this agreement as the **ASSIGNEE** thereof shall hereafter require and prepare at **ASSIGNEE'S** expense

Executed this 18<sup>th</sup> day of November, 2003

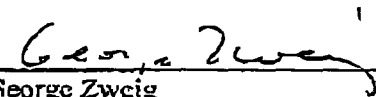
  
Gert Cauwenberghs

Docket No.: 03940057AA

Executed this 18th day of November, 2003

  
\_\_\_\_\_  
Milutin Stanacevic

Executed this 19th day of December, 2003

  
\_\_\_\_\_  
George Zwieg