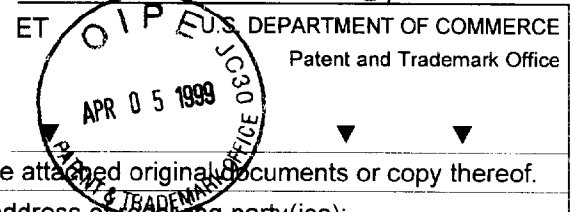


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Tab settings

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

1. Name of conveying party(ies): Heraeus Instruments GmbH & Co.KG Heraeusstrasse 12-14 63450 Hanau, Germany

2. Name and address of receiving party(ies): Name: In Vitro Systems & Services GmbH Address: AM Kalkberg

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: October 12, 1998

City: Osterode State/Prov.: Country: Germany ZIP: 37520 Additional name(s) & address(es) [] Yes [X] No

4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. SEE ATTACHED Filing date EXHIBIT A

B. Patent No.(s) See Attached Exhibit A Additional numbers [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Dana L. Tangren Registration No. 37,246 Address: Workman, Nydegger & Seeley 1000 Eagle Gate Tower 60 East South Temple City: Salt Lake City State/Prov.: Utah Country: USA ZIP: 84111

6. Total number of applications and patents involved: 7 7. Total fee (37 CFR 3.41): \$ 280.00 [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number: 23-3178 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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. Dana L. Tangren Name of Person Signing Signature Date APR 1, 1999

Total number of pages including cover sheet, attachments, and 3

Exhibit A

ISSUED PATENTS

<u>Patent No.</u>	<u>Issue Date</u>
370,263	05/28/96
5,686,301	11/11/97
5,702,945	12/30/97
5,763,275	06/09/98
5,725,123	03/10/98

PENDING PATENT APPLICATIONS

<u>Serial No.</u>	<u>Filing Date</u>
676,312	09/09/96
959,488	10/28/97

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ASSIGNMENT OF MULTIPLE PATENTS AND APPLICATIONS

Whereas, Heraeus Instruments GmbH & Co.KG, a German corporation, having a place of business at Heraeusstrasse 12-14, 63450 Hanau, Germany is the owner of the entire right, title and interest in and to the applications for United States Letters Patent and United States Letters Patent set forth in the following tables:

Patent No.	Issue Date	Title	Docket No.
370,263	28/05/1996	Bioreactor	13650.1
5,686,301	11/11/1997	Culture vessel for cell cultures	13650.2
5,702,945	30/12/1997	Culture vessel for cell cultures on a carrier	13650.3
5,763,275	09/06/1998	Method and apparatus for coculturing cells	13650.6
5,725,123	10/03/1998	System for closing containers	13650.11

Serial No.	Filing Date	Title	Docket No.
676,312	09/09/96	Process for collecting and preparing stored blood, apparatus suitable for said process and use of the apparatus	13650.7
735,513	23/10/1996	Methods for culturing eukaryotic cells and supplements suited to the implementation of the methods	13650.8
959,488	28/10/1997	Cell culture harvesting device	13650.14

Whereas, In Vitro Systems & Services GmbH, a German corporation, having a place of business at Am Kalkberg, 37520 Osterode, Germany, is desirous of acquiring the entire right, title and interest in and to the said inventions within the United States of America and its territorial possessions and within the countries foreign to the United States and any United States or foreign Letters Patent that may be granted therefor; and in and to said patents and applications;

Now, therefore, in consideration of the sum of One Dollar (\$ 1,00), paid by In Vitro Systems & Services GmbH and other good and valuable consideration, the receipt of which is hereby acknowledged. Heraeus Instruments GmbH & Co.KG has sold, assigned and transferred and by these presents does hereby sell, assign and transfer unto said In Vitro Systems & Services GmbH the entire right, title and interest in and to the said inventions within the United States of America and its territorial possessions and within all countries foreign to the United States and in and to any United States or foreign Letters Patent that may be granted therefor; and in and to said patents and applications and in and to any and all divisions, reissues, continuations and extensions thereof and in and to any Letters Patent that may be granted thereon, all said rights to be held and enjoyed by In Vitro Systems & Services GmbH for its own use and enjoyment and for the use and enjoyment of its successors 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 and enjoyed by Heraeus Instruments GmbH & Co.KG if this assignment, transfer and sale had not been made.

Heraeus Instruments GmbH & Co.KG hereby authorizes and requests the United States Commissioner of Patents and Trademarks and all authorized officials of foreign patent offices to issue said Letters Patent and said Letters Patent when granted, to said In Vitro Systems & Services GmbH, as the assignee of its entire right, title, and interest in and to the same, for the sole use and enjoyment of said In Vitro Systems & Services GmbH, its successors and assigns.

In Testimony Whereof, Heraeus Instruments GmbH & Co.KG has caused the hand of its proper representative to the subscribed hereto this 12th day of October 1998.

HERAEUS INSTRUMENTS GMBH & CO.KG



(Günther Heibös)
General Manager



(Uwe Gernens)
Director