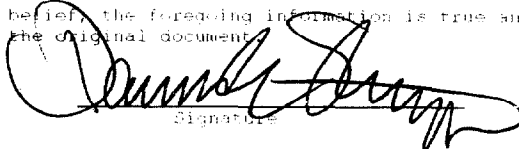


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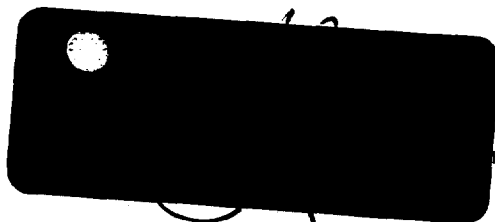
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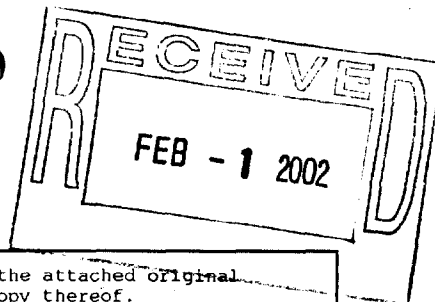
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4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No. (s) <u>09/479,385</u> B. Patent No. (s) <u>4,552,713; 4,900,441; 5,618,418</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Dennis E. Stenzel</u> Address: <u>Chernoff, Vilhauer, McClung & Stenzel, L.L.P.</u> <u>1600 ODS Tower</u> <u>601 S.W. Second Avenue</u> <u>Portland, Oregon 97204-3157</u>	6. Total number of applications and patents involved: <input type="checkbox"/> 4 7. Total fee (37 CFR 3.41 and 1.21(h))---\$160 (\$40 Recordation Fee x 4 properties = \$160) <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Any deficiencies in enclosed fees authorized to be charged to deposit account 8. Deposit Account No. <u>03-1550</u> (Attach duplicate copy of this page if paying by deposit account)
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ASSIGNMENT

Des 5/17/02
WHEREAS, SARTORIUS AG, a GERMAN corporation, hereinafter referred to as "Assignor," is the owner of U.S. Patent Nos. 4,5~~5~~2,713, 4,900,441, 5,618,418 and the invention comprising the subject matter of U.S. Patent Application Serial No. 09/479,385, as shown by the records of the United States Patent and Trademark Office; and

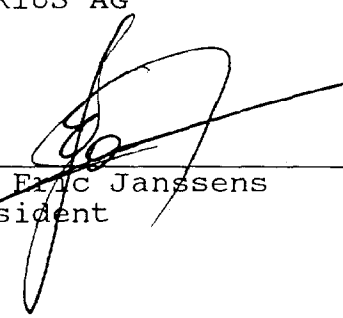
WHEREAS, VIVASCIENCE AG, a GERMAN corporation, hereinafter referred to as "Assignee," desires to acquire said Patents and patent application;

Des 5/17/02
NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other valuable consideration paid by Assignee, the receipt whereof is acknowledged, Assignor assigns unto Assignee the entire interest in said U.S. Patent Nos. 4,5~~5~~2,713, 4,900,441, 5,618,418 and U.S. Patent Application Serial No. 09/479,385 and any improvements, reissues, extensions, divisionals, continuations or continuations-in-part that may be made or granted thereon.

Executed on this 30 day of November, 2001.

SARTORIUS AG

By



Dr. Eric Janssens
President

COPY**SCHEDULE OF TRADEMARKS, PATENTS AND PATENT APPLICATION**

TRADEMARK	SERIAL NO.	REGISTRATION NO.
VIVABIND	76/067,970	
VIVAFLOW		2,494,880
VIVAFLUX		2,496,903
VIVAPORE		2,494,881
VIVAPURE	76/067,971	
VIVASCIENCE	75/751,531	
VIVASPIN		2,494,879

PATENT/APPLICATION TITLE	SERIAL NO.	PATENT NO.
SMALL FILTER AND METHOD OF ITS MANUFACTURE		4,900,441
APPARATUS FOR STATIC MEMBRANE FILTRATION		4,522,713
DEAD-END MEMBRANE ADSORBERS		5,618,418
PLASTIC FILTRATION UNIT BONDED BY AN L-SHAPED PLASTIC MELT	09/479,385	

United States Patent [19]

Nussbaumer et al.

[11] Patent Number: 4,522,713

[45] Date of Patent: Jun. 11, 1985

[54] APPARATUS FOR STATIC MEMBRANE FILTRATION

[75] Inventors: Dietmar Nussbaumer; Horst Perl; Khuong T. Vinh, all of Göttingen, Fed. Rep. of Germany

[73] Assignee: Sartorius GmbH, Göttingen, Fed. Rep. of Germany

[21] Appl. No.: 555,636

[22] Filed: Nov. 25, 1983

[30] Foreign Application Priority Data

Nov. 26, 1982 [DE] Fed. Rep. of Germany 3243864

[51] Int. Cl.³ B01D 33/00; B01D 35/02

[52] U.S. Cl. 210/136; 210/324; 210/335; 210/359; 210/406; 210/446; 210/472; 210/927

[58] Field of Search 210/359, 515, 518, 500.2, 210/927, DIG. 24, 136, 324, 335, 406, 446, 472

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Primary Examiner—Richard V. Fisher

Assistant Examiner—W. Gary Jones

Attorney, Agent, or Firm—Balogh, Osann, Kramer, Dvorak, Genova & Traub

[57]

ABSTRACT

In a filtration apparatus for fluids and liquids having an external vessel, in particular a centrifuge tube and a filter unit disposed in the liquid, the medium to be filtered is under excess pressure and in contact with the filter element of the filter unit and for the static membrane filtration on the outer side of the filtration unit facing the vessel bottom a filter membrane is arranged with the filtration-active layer towards the outside.

17 Claims, 17 Drawing Figures

