

03-02-2000



101279643

Our Ref.: 1201-72

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20531

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

1. Name of conveying party(ies): Michel Schneider Marie-Bernadette Barrau Feng Yan Philippe Bussat Nadine Garcel Eva Hybl Jerome Puginier Daniel Bichon		2. Name and address of receiving party(ies): Name: <u>Bracco International B.V.</u> Internal Address: _____ Street Address: <u>Strawinslylaan 3051, 1077 Zx</u> _____ City: <u>Amsterdam</u> State/Country: <u>The Netherlands</u> Zip: _____				
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				
3. Nature of conveyance: <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>Jan. 28, 27, 29, 28, 27, 26, Feb. 3 and 2, 2000;</u>						
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). (1) _____ (2) _____ (3) _____ B. (1) 09/002,779 (4) 09/401,835 (7) 09/401,838 (2) 09/021,150 (5) 09/401,836 (3) 09/401,829 (6) 09/401,837 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>Arthur R. Crawford</u> Internal Address: _____ Street Address: <u>Nixon & Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u>		6. Total number of applications & patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>280.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140 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.				
DO NOT USE THIS SPACE						
9. Statements 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. <table border="0" style="width: 100%;"><tr><td style="width: 30%;"><u>Arthur R. Crawford</u> Name of Person Signing Reg. No. 25,327</td><td style="width: 30%; text-align: center;"><u>Richard Berke Reg No 22770 (4)</u> Signature</td><td style="width: 40%; text-align: right;"><u>February 11, 2000</u> Date</td></tr></table> Total number of pages including original cover sheet, attachments, and document: [17]				<u>Arthur R. Crawford</u> Name of Person Signing Reg. No. 25,327	<u>Richard Berke Reg No 22770 (4)</u> Signature	<u>February 11, 2000</u> Date
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03/02/2000 DMUYEN 00000190 09002779

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280.00 OP

ASSIGNMENT OF PATENT APPLICATION

(Inventors) Michel SCHNEIDER
Feng YAN
Nadine GARCEL, legal representative of Pascal GRENIER
Jerome PUGINIER
Marie-Bernadette BARRAU
Phillippe BUSSAT
Eva HYBL
Daniel BICHON

(Assignee) In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree to assign, and hereby does assign, transfer and set over to
(Address) BRACCO INTERNATIONAL B.V.
of Strawinslylaan 3051, 1077 ZX, **Amsterdam, The Netherlands**,
hereinafter designated as the Assignee the undersigneds' entire right, title and interest for the United States, its territories, dependencies and possessions,
in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as

(Title) (1)Long Lasting Aqueous Dispersions or Suspensions of Pressure Resistant Gas-Filled Microvesicles and Methods for the Preparation Thereof Ser. No. 09/002,779 filed Jan. 5, 1998; (2)Stable Microbubbles Suspensions Injectable into Living Organisms Ser. No. 09/021,150 filed Feb. 10, 1998; (3)Ultrasound Contrast Agents and Methods of Making and Using Them Serial No. 09/401,829 filed Sept. 22, 1999; (4)Ultrasound Contrast Agents and Methods of Making and Using Them Serial No. 09/401,835 filed September 22, 1999; (5)Ultrasound Contrast Agents and Methods of Making and Using Them 09/401,836 filed Sept. 22, 1999; (6)Ultrasound Contrast Agents and Methods of Making and Using Them Ser. No. 09/401,837 filed Sept. 22, 1999; (7)Ultrasound Contrast Agents and Methods of Making and Using Them Ser. No. 09/401,838, filed Sept. 22, 1999

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In witness whereof, executed by the undersigned on the date opposite the undersigned signatures.

Date 28 Jan 2000 Signature of inventor (*Michel Schneider*
Michel SCHNEIDER

Date _____ Signature of inventor (_____
Feng YAN

Date _____ Signature of inventor (_____
Nadine GARCEL, legal representative of
Pascal Grenier (deceased)

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Michel SCHNEIDER

Date 27-01-2000 Signature of inventor (Feng YAN
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Date _____ Signature of inventor (_____
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Pascal Grenier (deceased)

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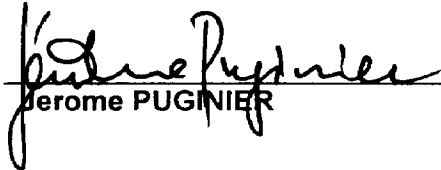
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Jerome PUGINIER

Date Jan. 27, 2000 Signature of inventor (Marie-Bernadette Barrau
Marie-Bernadette BARRAU

Date _____ Signature of inventor (_____
Phillippe BUSSAT

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1201-58; 60;72; 73; 74; 75 76

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Jan. 5, 1998; (2)Stable Microbubbles Suspensions Injectable into Living Organisms
Ser. No. 09/021,150 filed Feb. 10, 1998; (3)Ultrasound Contrast Agents and Methods
of Making and Using Them Serial No. 09/401,829 filed Sept. 22, 1999; (4)Ultrasound
Contrast Agents and Methods of Making and Using Them Serial No. 09/401,835 filed
September 22, 1999; (5)Ultrasound Contrast Agents and Methods of Making and
Using Them 09/401,836 filed Sept. 22, 1999; (6)Ultrasound Contrast Agents and
Methods of Making and Using Them Ser. No. 09/401,837 filed Sept. 22, 1999;
(7)Ultrasound Contrast Agents and Methods of Making and Using Them Ser. No.
09/401,838, filed Sept. 22 1999

The undersigned acknowledge an obligation of assignment of this invention to said
assignee at the time the invention was made.

The undersigned agree to execute all papers and documents necessary in connection with the
application or any interference which may be declared and any continuing or divisional applications
thereof.

The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of
a valid United States patent to the Assignee.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue any and
all Letters Patent of the United States resulting from said application or any division or divisions or
continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby
covenants that they have full right to convey the entire interest herein assigned, and that they have not
executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date opposite the undersigned signatures.

Date _____ Signature of inventor (_____
Michel SCHNEIDER

Date _____ Signature of inventor (_____
Feng YAN

Date _____ Signature of inventor (_____
Nadine GARCEL, legal representative of
Pascal Grenier (deceased)

Date _____ Signature of inventor (_____
Jerome PUGINIER

Date _____ Signature of inventor (_____
Marie-Bernadette BARRAU

Date _____ Signature of inventor (_____
Phillippe BUSSAT

Date _____ Signature of inventor (_____
Eva HYBL

Date 2 Feb 2000 Signature of inventor (*Daniel Bichon*
Daniel BICHON