01-17-2002



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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Paul G. Alchas, Marina S. Korisch and Peter W. Heyman Additional name(s) of conveying party(ies) attached? □ Yes ☒ No □	2. Name and address of receiving party(ies): Name: BECTON, DICKINSON AND COMPANY Internal Address: Patent and Licensing Department Street Address: 1 Becton Drive City: Franklin Lakes State: NJ ZIP: 07417-1880 Additional name(s) & address(es) attached? □ Yes ☒ No
Execution Date: October 23, 2001	
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) 09/835,248	B. Patent No.(s)
Additional numbers attached? ☐ Yes ☒ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: BECTON, DICKINSON AND COMPANY Internal Address: Patent and Licensing Department	7. Total fee (37 CFR §3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account
Street Address: 1 Becton Drive City: Franklin Lakes State: NJ ZIP: 07417-1880	8. Deposit account number: 02-1666 (Attach duplicate copy of this page if paying by deposit account)
1/16/2002 DBYRNE 00000035 021666 09835248 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. Allen W. Wark, Reg. No. 30, 305	
Name of Person Signing	Signature Date Signature Date Part Signature Signature Signature Signature Date

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

#47537

REV. 08/06/93

PATENT REEL: 012462 FRAME: 0814

ASSIGNMENT (Joint Inventors)

WHEREAS, We, Paul G. Alchas, Carlos E. Guillermo, Philippe Emile Fernand Laurent, Marina S. Korisch and Peter W. Heyman (hereinafter referred to as Assignors), residing respectively at 29 Ponds Circle, Wayne, New Jersey 07470; 25 River Road, Clinton, Connecticut 06413; 37, rue de la Glaciere, 69600 Oullins, France; 99 B Traphagen Road, Wayne, New Jersey 07470 and 34 Puddingstone Way, Florham Park, New Jersey 07932, have invented new and useful improvements in:

PREFILLABLE INTRADERMAL DELIVERY DEVICE

which is set forth in an application in the United States having the attorney docket number P-5258 and executed on even date herewith:

AND WHEREAS, **Becton Dickinson and Company**, (hereinafter referred to as Assignee), of 1 Becton Drive, Franklin Lakes, New Jersey 07417-1880, is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

PATENT REEL: 012462 FRAME: 0815 AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

16/7.3/01 Date	Name Paul G. Alchas
Date	Name Carlos E. Guillermo
Date	Name Philippe Emile Fernand Laurent
10/2 4/0 1 Date	Name Marina S. Korisch
10/24/01 Date	Name Peter W. Heyman

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

Allen W. Wark, Esq.
BECTON DICKINSON AND COMPANY
1 Becton Drive
Franklin Lakes, NJ 07417-1880
(201) 847-7115

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RECORDED: 01/08/2002

PATENT REEL: 012462 FRAME: 0816