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103002

PATENT REEL: 013437 FRAME: 0061 Application No.: 10/162,089 Client Code: IFLOW.094A Filing Date: June 3, 2002 Page 1

ASSIGNMENT

WHEREAS, We, Roger Dillard Massengale, a United States citizen, residing at 28 Harveston, Mission Viejo, California 92692, Kenneth W. Rake, a United States citizen, residing at 2965 Vista Ladera, Laguna Niguel, California 92677 and Eric Mabry, a United States citizen, residing at 32812 Larkgrove Circle, Trabuco Canyon, California 92679, have invented certain new and useful improvements in a LARGE VOLUME BOLUS DEVICE AND METHOD for which we have filed an application for Letters Patent in the United States, 10/162,089;

AND WHEREAS, I-FLOW CORPORATION (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 20202 Windrow Drive, Lake Forest, California 92630, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

On Oct 23 3000 before me, Magaca DOLZ, personally appeared Roger Dillard Massengale personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

|SEAL|

ary Signature

PATENT

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 23 day of De 70 BER, 2002 COUNTY OF DIAMOS On (ct. 13 1002), before me, Magair lope 2, personally appeared Kenneth W. Rake personally known to me (or proved to me on the basis of catisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. MAGGIE LOPEZ [SEAL] Commission # 1366709 Notary Public - California **Orange County** My Comm. Expires Jul 27, 2006 IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of 1 that, 2002

Eric Mabry

COUNTY OF Oyanaj

On Oct 33 Mes. before me. What to the personally appeared Eric Mabry personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

[SEAL]

MAGGIE LOPEZ Commission # 1366709 Netary Public - California **Orange County** My Comm. Expires Jul 27, 2006

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RECORDED: 11/04/2002

PATENT REEL: 013437 FRAME: 0063