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PATENT REEL: 014887 FRAME: 0378

#### ASSIGNMENT

WHEREAS, I, **Dana Wm. Ryan**, hereinafter referred to as the "Inventor" a citizen of the United States whose post office address is 2154 Kidd Road, Nolensville, TN 37135 have invented certain new and useful improvements in

## SWABBABLE NEEDLE-FREE INJECTION PORT VALVE SYSTEM WITH NEUTRAL FLUID DISPLACEMENT

as described and set forth in an application for Letters Patent of the United States of America, executed by me on the // day of worker, 2003, (Attorney Docket No. RYM-010).

AND WHEREAS, **RyMed Technologies**, Inc. hereinafter referred to as the "said COMPANY", a company existing under the laws of Delaware and having a place of business at 2154 Kidd Road, Nolensville, TN 37135, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the Inventor, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to my invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, to have and to hold the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, it successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that I have not executed and will not execute any instruments in conflict herewith.

AND I, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that I, my executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of

PATENT REEL: 014887 FRAME: 0379

counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

The undersigned hereby grant(s) David P. Gordon, Esq., David S. Jacobson, Esq., and Jay P. Sbrollini, Esq. the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, I,	Dana Wm. Ryan, have hereunto set my hand and seal this
day of	Dana Wm. Ryan
County of Williamson	)
State of Tennessee	) ss: )
appeared Dana Wm. Ryan to me kno	day of November, 2003 personally own and known to me to be the individual described in and and and he acknowledged to me that he executed the same.
TRAFFANSA	Danc Treffaustrolk Notary Public
NOTARY PUBLIC AT MARQUESISSION expires: Sept. 4.2	<del>2</del> 007

PATENT REEL: 014887 FRAME: 0380

#### ASSIGNMENT

WHEREAS, I, **David P. Gordon**, hereinafter referred to as the "Inventor" a citizen of the United States whose post office address is 65 Woods End Road, Stamford, CT 06905 have invented certain new and useful improvements in

## SWABBABLE NEEDLE-FREE INJECTION PORT VALVE SYSTEM WITH NEUTRAL FLUID DISPLACEMENT

as described and set for	rth in an	application	for Letters	Patent of the Uni	ted States	of America,
executed by me on the	17°C	_ day of _	Nov.	, 20 <b>03</b>	,	-
(Attorney Docket No.	RYM-0	10).				

AND WHEREAS, **RyMed Technologies**, **Inc.** hereinafter referred to as the "said COMPANY", a company existing under the laws of Delaware and having a place of business at 2154 Kidd Road, Nolensville, TN 37135, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the Inventor, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to my invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, to have and to hold the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, it successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that I have not executed and will not execute any instruments in conflict herewith.

1

AND I, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that I, my executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

The undersigned hereby grant(s) David S. Jacobson, Esq., and Jay P. Sbrollini, Esq. the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, I, Da  day of Jan.	avid P. Gordon, , 20 <b>6</b> 4.	have hereunto set my hand and seal this
	<del></del>	Land P. Serda
County of	`	David P. Gordon
County of	)	
State of	) ss:	
BE IT KNOWN, that on this 23 appeared <b>David P. Gordon</b> to me known who executed the foregoing assignment a	day of day of day of and known to nand he acknowled	, 20 personally new be the individual described in and dged to me that he executed the same.  Notary Public
SEAL		
My commission expires:		

2

MERYL ALLEN
WOTARY BY THE TO SENDER SU, 2006

#### ASSIGNMENT

WHEREAS, I, **James M. Kaiser**, hereinafter referred to as the "Inventor" a citizen of the United States whose post office address is 6613 Alberta Cove, Austin, TX 78739 have invented certain new and useful improvements in

## SWABBABLE NEEDLE-FREE INJECTION PORT VALVE SYSTEM WITH NEUTRAL FLUID DISPLACEMENT

AND WHEREAS, **RyMed Technologies**, **Inc.** hereinafter referred to as the "said COMPANY", a company existing under the laws of Delaware and having a place of business at 2154 Kidd Road, Nolensville, TN 37135, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the Inventor, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to my invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, to have and to hold the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, it successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that I have not executed and will not execute any instruments in conflict herewith.

1

AND I, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that I, my executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

The undersigned hereby grant(s) David P. Gordon, Esq., David S. Jacobson, Esq., and Jay P. Sbrollini, Esq. the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, I	, James M. Kaiser, have hereunto set my hand and seal this, 2003.
	, <u></u>
	James M. Kaiser
A	James M. Kaiser
County of Down	
State of NWW	) ss:
State of () ()	)

BEIT KNOWN, that on this 18 day of MONOWOOT appeared James M. Kaiser to me known and known to me to be the individual described in and who executed the foregoing assignment and he acknowledged to me that he executed the same.

Macary Public Gullery

commission expires: 12-20-06

#### ASSIGNMENT

WHEREAS, I, Frank A. Scarfone, hereinafter referred to as the "Inventor" a citizen of the United States whose post office address is 3925 SW 151 Terrace, Miramar, FL 33027 have invented certain new and useful improvements in

# SWABBABLE NEEDLE-FREE INJECTION PORT VALVE SYSTEM WITH NEUTRAL FLUID DISPLACEMENT

as described and set forth in an application for Letters Patent of the United States of America, executed by me on the 17 day of November, 2003, (Attorney Docket No. RYM-010).

AND WHEREAS, **RyMed Technologies**, **Inc.** hereinafter referred to as the "said COMPANY", a company existing under the laws of Delaware and having a place of business at 2154 Kidd Road, Nolensville, TN 37135, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the Inventor, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to my invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, to have and to hold the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, it successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that I have not executed and will not execute any instruments in conflict herewith.

1

AND I, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that I, my executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

The undersigned hereby grant(s) David P. Gordon, Esq., David S. Jacobson, Esq., and Jay P. Sbrollini, Esq. the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, I, this 17 <sup>TH</sup> day of NOVEMBER	Frank A. Sca	arfone, have hereunto set my hand and seal 2003.
County of Brownes  State of FLORIDA	) ) ss: )	Frank A. Scarfone  FDL # 5615-261-48-101-6  ED. 4/01/04
appeared Frank A. Scarfone to me kn	own and know	wn to me to be the individual described in and owledged to me that he executed the same.

My commission expires:

**RICHARD WALKER** Notary Public, State of Florida My comm. expires Jan. 17, 2005 No. CC994458

RECORDED: 01/13/2004