Docket No.: AMD0005-01 09-19-2002 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE RI (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office P08A/REV03 Tab settings - -To the Honorable Commissioner of Patents and Trademarks. ached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Anne Haaije de Boer Paul Hagedoorn Henderik Willem Frijlink Name: Sofotec GmbH & Co. KG Doetie Gjaltema Address: Weismullerstrasse 45 Joachim Goede 60314 Frankfurt am Main Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☒ Assignment Merger ☐ Change of Name City: _____ State/Prov.: __ ☐ Security Agreement Country: Germany ZIP: □ Other Execution Date: August 19, 2002 ☐ Yes X No Additional name(s) & address(es) Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) Patent Application No. Filing date June 21, 2002 10/177,433 ☐ Yes 🗵 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Anthony Niewyk 7. Total fee (37 CFR 3.41):....\$ 40.00 24,871 Registration No. Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Baker & Daniels ☐ Authorized to be charged to deposit account 111 East Wayne Street, Suite 800 8. Deposit account number: 02-0385 State/Prov.: IN City: Fort Wayne ZIP: 46802 (Attach duplicate copy of this page if paying by deposit account) Country: USA 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. September 11, 2002 Anthony Niewyk Date Signaturé Name of Person Signing Total number of pages including cover speet, attachments, and Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments 00000051 10177433 09/18/2002 TDIAZ1

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PATENT REEL: 013292 FRAME: 0067

ASSIGNMENT

WHEREAS, we, Anne Haaije de Boer, Henderik Willem Frijlink, Doetie Gjaltema, Joachim Goede and Paul Hagedoorn, residing at Bouriciuslaan 53, 9203 PC Drachten, The Netherlands; Hemstukken 19, 9761 KM Eelde, The Netherlands; Jardinga 8A, 8431 RE Oosterwolde, The Netherlands; Gleisitzer Strasse 23, 63457 Hanau, Germany, and Egelslag 64, 9403 XV Assen, The Netherlands, respectively, have invented certain improvements in:

POWDER FORMULATION DISINTEGRATING SYSTEM AND METHOD FOR DRY POWDER INHALERS

described and claimed in application serial number 10/177,433 filed June 21, 2002; and

WHEREAS, Sofotec GmbH & Co. KG, a corporation organized and existing under the laws of the Country of Germany, having its principal place of business at Weismüllerstrasse 45, 60314 Frankfurt am Main, Germany, wishes to acquire the entire right, title and interest in and to said invention and said application for Letters Patent;

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) to us in hand paid, and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we, Anne Haaije de Boer, Henderik Willem Frijlink, Doetie Gjaltema, Joachim Goede and Paul Hagedoorn, do hereby assign, sell, transfer and set over unto said Sofotec GmbH & Co. KG, its successors and assigns, the full, entire and exclusive right, title and interest, for the territory of the United States of America and for all foreign countries, in and to said invention, as described in the application identified above, and in and to said application and any divisions or continuations or continuations-in-part thereof or substitutes therefor which may be filed, and in and to any patents or reissues, renewals or extensions thereof which may be granted on said application or for said invention, and in and to any patent application which may be filed on said invention in countries foreign to the United States of America and any patents granted thereon; said invention, applications, and patents to be held and enjoyed by said Sofotec GmbH & Co. KG, and its successors or assigns, to the full end of the term or terms for which said patents may be granted, as fully and entirely as the same would have been held by us had this assignment not been made.

We hereby authorize and request the Patent and Trademark Office officials in the United States of America and the Patent Office officials of any and all foreign countries to issue any and all of said patents, when granted to said Sofotec GmbH & Co. KG, as the

1

assignee of our entire right, title and interest in and to the same for the sole use and enjoyment of said Sofotec GmbH & Co. KG, its successors and assigns.

Further, we agree to execute all papers and to give such lawful testimony and to perform such other lawful acts as said Sofotec GmbH & Co. KG, its successors and assigns may require to enable it or them to procure a Letters Patent on said invention or reissues or extensions thereof in the United States of America and/or in any foreign country, and/or to hold, enforce or convey said Letters Patent, reissues or extensions.

Executed this 19TH day of August, 2002.

Anne Haaije de Boer

Henderik Willem Frijlink

Doetie Gjaltema

Joachim Goede

WITNESSES:

2

assignee of our entire right, title and interest in and to the same for the sole use and enjoyment of said Sofotec GmbH & Co. KG, its successors and assigns.

Further, we agree to execute all papers and to give such lawful testimony and to perform such other lawful acts as said Sofotec GmbH & Co. KG, its successors and assigns may require to enable it or them to procure a Letters Patent on said invention or reissues or extensions thereof in the United States of America and/or in any foreign country, and/or to hold, enforce or convey said Letters Patent, reissues or extensions.

Executed this	day of	, 2002.
	Anne Ha	aije de Boer
	Henderik	Willem Frijlink
	Doetie G	ijaltema
	Joachim	Goede Soede
	Paul Hao	

WITNESSES: Van Lic M

RECORDED: 09/16/2002