

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Christopher James Danek</td><td>08/31/2000</td></tr><tr><td>Michael Biggs</td><td>08/31/2000</td></tr><tr><td>Bryan Loomas</td><td>08/31/2000</td></tr><tr><td>Michael D. Laufer</td><td>08/30/2000</td></tr><tr><td>Gary Kaplan</td><td>08/30/2000</td></tr><tr><td>Kelly Shriner</td><td>08/31/2000</td></tr></tbody></table>		Name	Execution Date	Christopher James Danek	08/31/2000	Michael Biggs	08/31/2000	Bryan Loomas	08/31/2000	Michael D. Laufer	08/30/2000	Gary Kaplan	08/30/2000	Kelly Shriner	08/31/2000
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<table border="1"><tr><td>Name:</td><td>Broncus Technologies, Inc.</td></tr><tr><td>Street Address:</td><td>1400 N. Shoreline Blvd.</td></tr><tr><td>Internal Address:</td><td>Bldg. A., Suite 8</td></tr><tr><td>City:</td><td>Mountain View</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94043</td></tr></table>		Name:	Broncus Technologies, Inc.	Street Address:	1400 N. Shoreline Blvd.	Internal Address:	Bldg. A., Suite 8	City:	Mountain View	State/Country:	CALIFORNIA	Postal Code:	94043		
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CORRESPONDENCE DATA															
Fax Number: (206)359-7039 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Email: mnavarro@perkinscoie.com															
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ATTORNEY DOCKET NUMBER:	649218017US														
NAME OF SUBMITTER:	Paul T. Parker														

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PATENT  
REEL: 024920 FRAME: 0004

Total Attachments: 2

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## ASSIGNMENT JOINT

THIS ASSIGNMENT, by Christopher James DANEK, Michael BIGGS, Bryan LOOMAS, Michael D. LAUFER, Gary KAPLAN, and Kelly SHRINER (hereinafter referred to as the assignors), residing at 1370 Warburton Avenue, #8, Santa Clara, CA 95050, 220 Corbett Avenue, San Francisco, CA 94114, 265 Snow Crest Drive, Los Gatos, CA 95033, 1259 El Camino Real, #211, Menlo Park, CA 94025, 111 Caselli Avenue, San Francisco, CA 94114, and 1402 Kingfisher Way, Sunnyvale, CA 94087 respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in METHODS OF TREATING LUNGS HAVING REVERSIBLE OBSTRUCTIVE PULMONARY DISEASE, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; bearing Serial No. 09/535,856 and filed on March 27, 2000; and

WHEREAS, Broncus Technologies, Inc., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 1400 N. Shoreline Blvd., Bldg. A, Suite 8, Mountain View, California 94043 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions 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, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, 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 in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns. Such cost and expense shall include, but is not limited to, lost normal compensation of the respective assignor.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.


8-31-00  
Date

CDANEK  
Christopher James DANEK


8/31/00  
Date

  
Michael BIGGS


8/31/2000  
Date

  
Bryan LOOMAS


8/30/00  
Date

  
Michael D. LAUFER

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Gary KAPLAN

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Kelly SHRIVER