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and Paul BIRKMEYER (11/30/2004)	Street Address:	
Execution Date(s) in parentheses after inventor name		
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4. Application or patent number(s): A Patent Application No.(s) 10/913,178	B Patent No.(s)	
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Name: Kevin J. Canning LAHIVE & COCKFIELD, LLP	7. Total fee (37 CFR 1 21(h) & 3.41) \$ 40.00	
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PATENT

ASSIGNMENT BY INVENTORS

WE, Sean SELOVER; Christopher W. SICVOL; Ronald NAUGHTON; Nancy M. SHEEHY; and Paul BIRKMEYER, of Tiverton, Rhode Island; Boston, Massachusetts; Tiverton, Rhode Island; South Boston, Massachusetts; and Marshfield, Massachusetts, respectively, in consideration of One Dollar and other valuable consideration paid to us by

DePuy Spine, Inc.

a Corporation of Ohio, having its principal place of business at 325 Paramount Drive, Raynham, Massachusetts 02767-0350, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

DePuy Spine, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

RIGIDLY GUIDED IMPLANT PLACEMENT

described in an application
Executed by us of even date herewith and about to be filed
or
x Application No. 10/913,178, filed on August 6, 2004

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

1

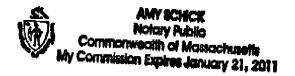
Sean Selover

DUQ-003 (DEP5328USANP)

Date: December 7, 2004	
United States of America State of Massachusetts) ss. County of By 15to !	
On this 7th day of December	before me, the
On this the undersigned notary public, personally appeared (name of document signer), proved to me through which was personally Knauntone is signed on the preceding or attached document in	satisfactory evidence of identification, to be the person whose name n my presence.
My commission expires 1-21-2011	_(official signature and seal of notary)

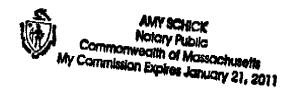
AMY SCHICK
Notary Public
Commonwealth of Massachusetts
My Commission Expires January 21, 2011

	Christopher W. Sicvol
Date: 30 Nov 2004	
United States of America State of Massachusetts County of Bristol Output Description Output Description Description	SS.:
On this 30 ^{+h} day of November	red Christopher Sieval
(name of document signer), proved to me through which was personally Know to me is signed on the preceding or attached document	, to be the person whose name
Amy Schick My commission expires 1-21-26	(official signature and seal of notary)



	V
Date: 11-24-04	
United States of America State of Yew Je County of Work	SS.:
1	to me through sanisfactory evidence of identifications,
Janet M Ja d My commission expires	
	STATE OF NEW JERSEY MY COMMISSION EXPIRES FEB. 9, 2009

naugy m Sharry
Mancy M. Sheehy
Date: 12/2/04
United States of America
State of Massachusets) ss.:
County of Bristol)
On this 2nd day of December, 2004 before me, the
the undersigned notary public, personally appeared <u>No ney m Sheely</u> (name of document signer), proved to me through satisfactory evidence of identification,
which was personally known to me, to be the person whose name
is signed on the preceding or attached document in my presence.
is signed on the preceding of unacted discussion in any for
Amy Much(official signature and seal of notary)
1-21 2011
My commission expires $1-21-2011$



	Paul Burkman
	Paul Birkmeyer
Date:	
United States of America State of Mossachuserts	
State of Massachuser) s	38.:
County of Bristol)	
On this 30+10 day of November the undersigned notary public, personally appear	red Paul Birkmener
/ C do our out signer) proved to me through	oh satisfactory evidence of identification,
which was <u>personally known to M</u> is signed on the preceding or attached document	, to be the person whose name
is signed on the preceding or attached document	in my presence.
Amy Spick	(official signature and seal of notary)
My commission expires 1-21-5	1011

AMY SCHICK
Notary Public
Commonwealth of Massachusetts
My Commission Expires January 21, 2011