

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Alex Michael Heinold	04/27/2005
<b>RECEIVING PARTY DATA</b>	
Name:	Southwest Airlines Co.
Street Address:	2702 Love Field Drive
City:	Dallas
State/Country:	TEXAS
Postal Code:	75235
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12796578
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(214)747-2091
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	cann@fr.com
Correspondent Name:	Fish & Richardson P.C.
Address Line 1:	1717 Main Street, Suite 5000
Address Line 4:	Dallas, TEXAS 75201
ATTORNEY DOCKET NUMBER:	16477-0009003
NAME OF SUBMITTER:	Dale V. Cann
Total Attachments: 2 source=164770009003AssignmentB#page1.tif source=164770009003AssignmentB#page2.tif	

CH \$40.00 12796578

ASSIGNMENT

For valuable consideration, I, Alex Michael Heinold, of 3813 Starr Court, Carrollton, Texas 75007, hereby assign to:

Southwest Airlines Co., a corporation of Texas, having a place of business at:  
2702 Love Field Drive  
Dallas, Texas 75235, and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled CONSTRAINT-BASED SCHEDULE GENERATION FOR TRANSPORTATION RESOURCES, filed April 28, 2005, and assigned U.S. Serial Number 11/117,154, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

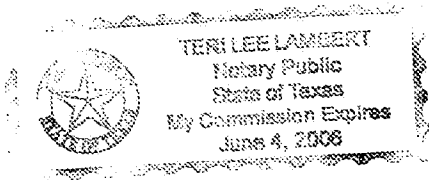
DATE: April 27, 2005

Alex M. Heinold  
ALEX MICHAEL HEINOLD

STATE OF Texas )  
COUNTY OF Dallas ) SS.

On April 27, 2005, before me, the undersigned, a notary public for the State of Texas, there personally appeared ALEX MICHAEL HEINOLD personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



Teri Lambert  
Notary Public

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