05-16-2001 PATENTS ONLY PATENTS ONLY **TO** 1 PATENTS 101718221 accument or copy thereof. Please re 2. Name and Address of Party(ies) receiving an interest: Name of Party(ies) conveying an interest: 05/09/01 Bruce R. David Name: United Air Lines, Inc. William J. Rushin Internal Address: Street Address: 1200 East Algonquin Road Elk Grove Township City: Illinois 60007 State/Zip: Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Additional name(s) and addresses attached? 🗌 Yes 🔀 No Description of the interest conveyed: Other: Change of Name ☐ Security Agreement ☐ Merger Execution Date: May 8, 2001 Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No If this document is being filed together with a new application, the execution date of the application is: May 8, 2001 Date A. Patent Application No.(s) B. Patent No.(s) 09/851844 Additional numbers attached? ☐ Yes ☒ No 6. Number of applications and patents involved: 1 Name and address of party to whom correspondence concerning document should be mailed: **BRINKS HOFER GILSON & LIONE** 7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed P.O. BOX 10395 Authorized to be charged to Deposit Account No. CHICAGO, IL 60610 (312)321-4200 23-1925 Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925. DO NOT USE THIS SPACE 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. On W. Chry May 9, 2001 David W. Okey, Reg. No. 42,959 Date Name of Person Signing Total number of pages including cover sheet, attachments, and document: 4

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PATENT

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ASSIGNMENT

WHEREAS, Bruce R. David and William J. Rushin, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled Router Replacement Method, executed by Assignors on the same date as this Assignment;

WHEREAS, United Air Lines, Inc., a corporation organized and existing under the laws of the State of Delaware, having a place of business at Chicago, IL, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations in part, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the

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Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

5/8/01 5/8/01 DATED:

DATED:

STATE OF I NO AWA)
STATE OF I ND AWA)) ss. COUNTY OF Johnson)
I, State aforesaid, do hereby certify that Bruce R. David, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the instrument as his free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of May, 2001.
Notary Public
(SEAL)
My Commission Expires: 3 - 8-09
STATE OF TODAL)
STATE OF TONDOL) SS. COUNTY OF Johnson)
I, Steen for Mals, A Notary Public in and for the County and State aforesaid, do hereby certify that William J. Rushin, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the instrument as his free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of May , 2001.
Notary Public
(SEAL)
My Cemmission Expires: 3 - 8 -09
Rev. Dec99
Document 10

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RECORDED: 05/09/2001