

11-20-2001



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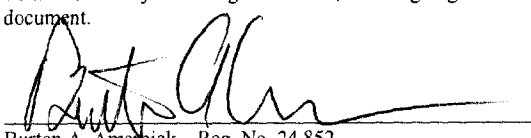
Patent and Trademark Office

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10986 U.S. PTO

09/987032

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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of name <input type="checkbox"/> Other Execution date: 09/28/01; 09/28/01 & 10/08/01 (respectively)		4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 09/28/01; 09/28/01 & 10/08/01 (respectively) A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.	
5. Name and address of party to whom correspondence concerning document should be mailed: Burton A. Amernick Connolly Bove Lodge & Hutz Suite 800 1990 M Street, N.W. Washington, D.C. 20036-3425 <i>09/987032</i>		6. Total Number of applications and patents involved [1] 7. Total fee (37 C.F.R. 3.41)....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to Deposit Account No. 22-0185 <input checked="" type="checkbox"/> Charge deficiencies/credit overpayments to Deposit Account 22-0185 8. Deposit Account No. 22-0185	
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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.  Date: <i>11-13-01</i> Burton A. Amernick, Reg. No. 24,852 Total number of pages including cover sheet: [3]			
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 PATENT
 REEL: 012307 FRAME: 0304

UNFILED APPLICATION - MULTIPLE INVENTORS

ASSIGNMENT OF UNITED STATES APPLICATION FOR PATENT

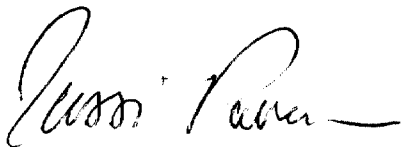
Whereas the undersigned PURANEN, Jussi , VARTIAINEN, Seppo and
HYTTINEN, Jarkko have invented certain
improvements in for which an application for Letters Patent of the United States of
America was executed on even date herewith;

Whereas, Raute Oyj, Rautatie 2, FIN-15550 Nastola, Finland a
corporation of Finland
_____ (hereinafter referred
to as Assignee) is desirous of acquiring an interest therein and in the Letters Patent to be
obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good
and valuable consideration, the receipt of which is hereby acknowledged, the
undersigned by these presents, hereby assign, sell and transfer unto the said Assignee,
for the territory of the United States of America, all right, title and interest in and to said
invention and application, and any and all divisions or continuations thereof, and in and
to any Letters Patent that may be granted therefor together with any reissues, extensions
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own use and behoof, and for Assignee's legal representatives, successors and assigns, to
the full end of the term for which said Letters Patent may be granted, as fully and
entirely as the same would have been held by the undersigned had this Assignment and
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to the same in any interferences, opposition or other litigation, when requested to do so,
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The undersigned hereby grant(s) the firm of Connolly Bove Lodge & Hutz
LLP, 1990 M Street, N.W., Suite 800, P.O. Box 19088, Washington, D.C. 20036 the
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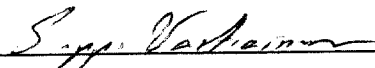
desirable in order to comply with the rules of the United States Patent Office for recordation of this document.



Jussi Puranen

28.9.2001

Date



Seppo Vartiainen

28.9.2001

Date



Jarkko Hyttinen

8.10.2001

Date

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