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Name (line 1)	Richard O. Cooper	02-11-1999
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FORM PTO-1619B	Page 2	U.S. Department of Commerce					
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Number of Properties	tal number of properties involved. #						
Fee Amount Fee Amount	for Properties Listed (37 CFR 3.41): \$	40.00					
Method of Payment: Encl	osed Deposit Account X						
Deposit Account (Enter for payment by deposit account or if add							
	Deposit Account Number: #	03-1677					
	Authorization to charge additional fees:	Yes X No					
Statement and Signature							
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Name of Person Signing	Signature	Date					

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Name (line 1)	Robert L. Reinha	rd			02-11-1999
Name (line 2)	<u></u>		<u></u>		
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					States, an appointment of a domestic representative
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PATENT REEL: 9933 FRAME: 0044

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ASSIGNMENT

WHEREAS, we, the said inventors, are the owner of the entire right, title and interest in and to said invention and said application; and

WHEREAS, CTS CORPORATION, a corporation duly organized under the laws of the State of Indiana and doing business at the City of Elkhart, in the County of Elkhart and State of Indiana, is desirous of acquiring the full and exclusive right, title and interest which we have or may have in and to said invention and said application, including any continuation and any division of said application, and any Letters Patent of the United States and of foreign countries that may be granted for said invention, and any renewal, any reissue and any extension of any such Letters Patent;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, we do hereby sell, assign, transfer and set over unto the said CTS CORPORATION all the right, title and interest which we have or may have in and to said invention and said application and any Letters Patent of the United States and of foreign countries that may be granted for said invention and any renewal, any reissue and any extension of any such Letters Patent; the same to be held and enjoyed by said CTS CORPORATION, its successors, legal representatives and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment had not been made; and we hereby covenant and warrant that we have the full right to convey the entire interest herein assigned and that we have not executed and will not execute any instrument purporting to convey, mortgage, lease or otherwise transfer all, or any part of said interest, to anyone other than said CTS CORPORATION, its successors, legal representatives and assigns.

We authorize and request the Commissioner of Patents of the United States to issue any Letters Patent which may be granted upon the aforesaid application or applications to CTS CORPORATION.

And, for the above recited considerations, we hereby covenant and agree that we will, at the request of said CTS CORPORATION, its successors, legal representatives and assigns, execute any and all renewal, continuation and divisional applications, both United States and foreign, for Letters Patent for said invention; and any and all applications for the renewal, the reissue and the extension of any Letters Patent, both United States and foreign, that may be granted for said invention and do any and all other and further acts to obtain any such Letters Patent, and any renewal, any reissue and any extension of the same that said CTS CORPORATION, its successors, legal representatives and assigns may deem necessary or expedient, without further compensation, but at the expense of said CTS CORPORATION, its successors, legal representatives and assigns.

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IN WITNESS WHEREOF, we have hereunto set our hand and seal this <u>11th & 24th</u> day of <u>February</u>, 1999.

Kehad O. Cock

Richard O. Cooper

hund

Robert L. Reinhard

Terrv R. Bloom

STATE OF INDIANA

COUNTY OF _____ADAMS _____

I, <u>Myrtle I. Steiner</u>, Notary Public in and for said County, in the State aforesaid, do hereby certify that Richard O. Cooper and Robert L. Reinhard, personally known to me to be the same persons whose names are subscribed to in the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered such instrument as their free and voluntary act for the uses and purposes set forth.

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GIVEN under my hand and Notarial Seal this <u>11th</u> day of <u>February</u>, 1999.

MYRTLE I. STEINER, NOTARY PUE My commission expires November 1, 1993

(NOTARIAL SEAL)

STATE OF INDIANA

COUNTY OF ______

I, <u>Kathryn J. Diller</u>, Notary Public in and for said County, in the State aforesaid, do hereby certify that Terry R. Bloom, personally known to me to be the same person whose name is subscribed to in the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered such instrument as his free and voluntary act for the uses and purposes set forth.

GIVEN under my hand and Notarial Seal this <u>24th</u> day of <u>February</u>, 1999.

Notary Public/ KATHRYN J DILLER NOTARY PUBLIC STATE OF INDIANA ELKHART COUNTY MY COMMISSION EXP JULY 29,1999

(NOTARIAL SEAL)

RECORDED: 05/03/1999

PATENT REEL: 9933 FRAME: 0046