



TO THE ASSISTANT COMMISSIONER FOR PAT	0865747 uments or copy thereor.		
1. Name of conveying party(ies): (If multiple assignors, list	2. Name and address of receiving party(les): [14]		
numerically) Terence Boon Additional name(s) of conveying party(ies) attached? () Yes (X) No	Name: The Lead Sheet Association Internal Address: Hawkwell Business Centre Street Address: Maidstone Road, Pembury, Tunbridge Wells City: Kent, TN2 4AH Country: United Kingdom Additional name(s) of receiving party(ies) attached? () Yes (X) No		
3. Nature of conveyance:	4. Application number(s) or Patent number(s):		
(X) Assignment() Merger() Security Agreement() Change of Name	() Application(s) filed herewith Execution Date(s):(X) Patent Application No.: 08/986,849		
() Other:	Filing Date: December 8, 1997		
Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)	() Patent No.: Issue Date:		
October 9, 1997	Additional numbers attached? () Yes (X) No		
5. Name and address of party to whom correspondence	7. Total fee (37 CFR 3.41): \$40		
concerning document should be mailed: Name: Lowell Anderson KNOBBE, MARTENS, OLSON & BEAR, LLP Customer No. 20,995 Internal Address: Sixteenth Floor Street Address: 620 Newport Center Drive City: Newport Beach State: CA ZIP: 92660 Attorney's Docket No.: SOMMER5.001AUS	 (X) Enclosed (X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment 8. Deposit account number: 11-1410 		
Document ID No.: 100754716	Please charge this account for any additional fees which may be required, or credit any overpayment to this account.		
6. Total number of applications and patents involved: 1			
9. Statement and signature.			
To the best of my knowledge and belief, the foregoing informat the original document. Lowell Anderson	Adem 10/13/98		
Name of Person Signing Signa 30,990	ture I hereby certify that this correspondence adeposited with the United States Postal Sorvice as class-mail to an envelope addressed to: Commissione Patents and Trademarks. Washington, D.C. 20221		
Registration No.	10/13/48		
Total number of pages including cover sheet, attachments and docume	ent: 2 LOWELL ANDERSON REG. NO. 20,0		
Mail documents to be recorded with required cover sheet information	Name of applicant contract		
Assistant Commiss 998 SPURNE 00000669 06986849 Box Assi	gnments Signature		
Washington, 101398 Washington	D.C. 20231 Date of Signature		
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PATENT

REEL: 9542 FRAME: 0183

PATENT

Application No.: 08/986,849
Filing Date: December 8, 1997

Client Code: SOMMER5.001AUS

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ASSIGNMENT

WHEREAS, We, Terence Boon, a citizen of Great Britain, residing at 45 Millard Way, Hitchin, Hertfordshire SG4 0QF, U.K., Wayne M. Thomas, a citizen of Great Britain, residing at 6 Howe Road, Haverhill, Suffold CB9 9HT and Peter Temple-Smith have invented certain new and useful improvements in a IMPROVED FRICTION WELDING APPARATUS AND METHOD for which we have executed an application for Letters Patent in the United States.

AND WHEREAS, THE LEAD SHEET ASSOCIATION (hereinafter "ASSIGNEE"), a British organization, with its principal place of business at <u>Hawkwell Business Centre</u>, <u>Pembury</u>, <u>Kent</u>, <u>TN2 4AH</u>, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN	TESTIMONY	WHEREOF, I hereunto set my	hand and seal this grant day of oct	036F 1957
			Terence Boon	
IN	TESTIMONY	WHEREOF, I hereunto set my	hand and seal this day of	, 19
			Wayne M. Thomas	
IN	TESTIMONY	WHEREOF, I hereunto set my	hand and seal this day of	, 19
			Peter Temple-Smith	

PATENT REEL: 9542 FRAME: 0184

RECORDED: 10/13/1998