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Name (line 1) Nigel Dennis Griffin	wark if additional names of conveying parties attached Execution Da Month Day 1
Name (line 2)	
Second Party	Execution Dat Month Day
Name (line 1) Malcolm Roy Taylor	[10 07
Name (line 2)	
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Name (line 1) Camco International (UK)	Limited If document to be a
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Name (line 2)	domiciled in the Ui States, an appoint
Address (line 1) Oldends Lane Industrial E	of a domestic representative is a
Address (line 2)	separate documen
74441655 (MILE 2)	Assignment)
Address (line 3) Stonehouse	Gloucestershire, England State/Country State/Country Zio Code
Domestic Representative Name and	
Name Jeffery E. Daly	
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Address (line 2) PO Box 2119	
Address (line 3) Houston, TX 77252	
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PATENT

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FORM PTC Expires 06/30/99 OMB 0651-0027	O-1619B Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address Area Code and Telephone Number (713)924-5556			
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Address (line 4)			
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Number of Properties Enter the total number of properties involved. #			
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00			
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(Enter for	payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number:	# 180584	
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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. Charges to deposit account are authorized, as indicated herein.			
Jeffery E. Da	aly, Reg. No. 44,640	October 18, 1999	
Name	of Person Signing Signature	Date	

ASSIGNMENT

WHEREAS, we, Nigel Dennis Griffin, of 42 Paynes Meadow, Whitminster, Gloucestershire, England, and Malcolm Roy Taylor of 9 Kenilworth Avenue, Gloucester, England, citizens and residents of England, have made an invention in CUTTING ELEMENTS AND METHODS OF MANUFACTURE THEREOF for which we have executed an application for United States Letters Patent on the 3rd day of September , 1999.

WHEREAS, we represent and warrant that we are the sole owners of said invention and application for Letters Patent:

WHEREAS, Camco International (UK) Limited, of Hycalog, Oldends Lane Industrial Estate, Stonehouse, Gloucestershire, England, hereinafter referred to as "ASSIGNEE", is desirous of acquiring all rights, title and interest in the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by us, we have assigned, sold, transferred and set over and by these presents do assign, sell, transfer and set over unto said ASSIGNEE the all rights, title and interest in and to (a) said invention and world-wide rights therein, (b) said application, including all divisions, continuations, continuations-in-part and substitutions thereof, and (c) all United States and foreign patents which shall issue on said invention, including all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file applications for Letters Patent on said invention in any and all foreign countries, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this assignment and sale not been made.

We covenant and agree that we will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and to all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE (a) obtain Letters Patent, both domestic and foreign, on said invention, (b) establish, maintain and secure title in said ASSIGNEE, it successors and assigns to said invention, application and Letters Patent, including making such title of lawful public record, and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts are necessary to give full force and effect to this assignment.

We hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent based on said application and all said divisions, continuations, continuations-inpart, reissues, renewals and extensions to said ASSIGNEE, its successors and assigns.

IN TESTIMONY WHEREOF, we hereunto set our hands and affix our seal at Stonehouse, England this 7th day of October, A.D. 1999

Nigel Dennis Griffin

Malcolm Roy Taylor

(Inventor's Full Signature)

(Inventor's Full Signature)

PATENT RECORDED: 10/21/1999 REEL: 010322 FRAME: 0220