OMB No. 0651-0011 (exp.4/94) U2 - 12 Copyright 1996 Legalsoft	2-1999	ONL'		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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To the Honorable Comm 10096	64830			nal documents or copy thereof.
Name of conveying party(ies): GILBERT R. BROOM	Name and address of receiving party(ies): Name: CUTTING EDGE TECHNOLOGY			
3-9-99		Address:	P.O. BOX 563	
Additional names(s) of conveying party(ies)	☐ Yes No			
3. Nature of conveyance:				
☑ Assignment ☐ Mer	ger			
☐ Security Agreement ☐ Cha	nge of Name	City: Rem	ington	State/Prov.: Indiana
☐ Other		Country:	United States	ZIP: 47977
Execution Date: January 30, 1998		Additional nam	ne(s) & address(es)	□ Yes ⊠ No
4. Application number(s) or registration number If this document is being filed together with	` '	the execution	date of the applic	ation is:
Patent Application No. Filing date		B. P	atent No.(s)	
09/018,244 February 3,	1998			
Name and address of party to whom corres concerning document should be mailed:	Additional numbers	☐ Yes		s and patents involved:
Name: Peter M. Klobuchar				
		7. Total fee (37 CFR 3.41):	\$ 40.00
Registration No. P43,722 Address: WALLENSTEIN & WAGNER, L	TD.	☑ Enclos	sed	
311 South Wacker Drive, 53rd Floor			rized to be charge	d to deposit account
02/11/1999 JWATKINS 00000116 09018244				
01 FC:581 40.00 0P City: Chicago State/Pr	ov.: Illinois	8. Deposit ac	count number:	40E
Country: United States ZIP: 600	606		For Deficiency Amplicate copy of this	ounts Only! page if paying by deposit account)
	DO NOT L	JSE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the of the original document. Peter M. Klobuchar, Reg. No. P43,722 Name of Person Signing	foregoing informa	1. Kloby	d correct and any	February 3, 1999
	er of pages including o	Signature over sheet, attach	nments, and	4 Date
			<u> </u>	

PATENT REEL: 9752 FRAME: 0877

ASSIGNMENT

Serial No.	09/018,244	Filed.	February 3,	1998	
Ochai 110		riieu	, ,		

IN CONSIDERATION of one dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in "METHOD AND APPARATUS FOR BORING THROUGH A SOLID MATERIAL" and in the application for Letters Patent of the Unites States therefor, executed by the undersigned concurrently herewith and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to CUTTING EDGE TECHNOLOGY, and the successors, legal representatives and assigns of CUTTING EDGE TECHNOLOGY, (hereinafter collectively called said Assignee), and the Commissioner of Patents is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

FOR SAID CONSIDERATIONS it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional, continuation or continuation-in-part application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for the said consideration it is further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this Assignment and sale had not been made. And for the said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby Assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign letters patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The attorneys of record in said application for patent are hereby authorized and requested by the undersigned to insert in this Assignment the date and Serial Number thereof in the places provided therefor.

Gilbert R. Broom

State of Indiana)) ss County of Japen)

my comm Exp 9 1398

Iotary Public

PATENT REEL: 9752 FRAME: 0878

ASSIGNMENT

Serial No.	09/018,244	
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Filed: February 3, 1998

IN CONSIDERATION of one dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in "METHOD AND APPARATUS FOR BORING THROUGH A SOLID MATERIAL" and in the application for Letters Patent of the Unites States therefor, executed by the undersigned concurrently herewith and in any reissue or extension of any Letters Patent that may be granted upon said application are hereby assigned by the undersigned to CUTTING EDGE TECHNOLOGY. and the successors, legal representatives and assigns of CUTTING EDGE TECHNOLOGY, (hereinafter collectively called said Assignee), and the Commissioner of Patents is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

FOR SAID CONSIDERATIONS it is hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any divisional, continuation or continuation-in-part application thereof or for the filing or prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for the said consideration it is further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this Assignment and sale had not been made. And for the said considerations the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby Assigned and granted by the undersigned to said Assignee. It is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign letters patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee. The attorneys of record in said application for patent are hereby authorized and requested by the undersigned to insert in this Assignment the date and Serial Number thereof in the places provided therefor.

On 30-98, 1998, Gilbert R. Broom appeared before me, a Notary Public, in and for the state and county aforesaid, and acknowledged that he/she freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

my comm Exp 91398

RECORDED: 02/09/1999

Notary Public of Jan per Co

REEL: 9752 FRAME: 0879