06-07-1999

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CASE NO.: TYCOM-007B

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FORM PTO-1595 RECORDATION FOR	RM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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To the Honorable Commissioner of Patents and Trademarks. Pi	ease record the attached original occurrents of copy thereof.
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Gary P. Erpenbeck	Name: Tycom Corporation
Additional name(s) of conveying party(ies) attached? ☐ Yes 💆 No	Internal Address: See Below
3. Nature of conveyance:	
XX Assignment	Street Address: 17682 Fitch
☐ Security Agreement ☐ Change of Name	
Other	City: Irvine State: CA ZIP: 92614
Execution Date: May 25, 1999	Additional name(s) & address(es) attached? Yes No
Application number(s) or patent number(s):	
If this document is being filed together with a new application	n, the execution date of the application is: $\underline{\text{May}} \ 25$, $\ 199$
A. Patent Application No.(s)	B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed:	ached? O Yes 1/2 No 6. Total number of applications and patents involved:
STETINA BRUNDA GARRED & BRUCKER AttyName: Kit M. Stetina Internal Address: See Below	7. Total fee (37 CFR 3.41)
	Authorized to be charged to deposit account (any additional fees needed)
Street Address: 24221 Calle de la Louisa	8. Deposit account number:
4th Floor	19-4330
City: Laguna Hills State: CA ZIP: 92653-3642	(Attach duplicate copy of this page if paying by deposit account)
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Kit M Stetina	111/108 5/20/9
Name of Person Signing	Signature Date

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Washington, D.C. 20231

(Form PTO-1595-Recordation Form Cover Sheet [16-5]-page 1 of 1)

Address

FORM 16-3

(Rel74-12/97 Pub.605)

and the successors, assigns and legal representatives of the ASSIGNEE

(Assignment of Invention [16-3]—page 1 of 3)

Irvine, California 92614

Nationality (or State of Incorporation)

a Delaware corporation

16-5

(complete one of the following)

for the	⊠ □ e Un	the entire right, title and interest an undivided percent (%) interest sited States and its territorial possessions
		(check the following box, if foreign rights are also to be assigned)
in and		and in all foreign countries, including all rights to claim priority, any and all improvements which are disclosed in the invention entitled: COMPOSITE DRILL BIT USING ADHESIVE BOND
Name	of i	nventor(s) Gary P. Erpenbeck
		(check and complete (a), (b), (c), (d), (e), (f), or (g))
and w	vhich	n is found in (37 C.F.R. § 3.21)
(a)	X	U.S. patent application executed on even date herewith
(p)		U.S. patent application executed on
(c)		U.S. provisional application naming the above inventor(s) for the above-entitled invention.
		☐ Express mail label no.:
		Mailed:
		To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
(d)		U.S. application no.
		filed on
(e)		International appliciation no. PCT///
(f)		U.S. patent no issued
		A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
		(also check (g), if foreign application(s) is also being assigned)
(g)	X	and any legal equivalent thereof in a foreign country, including the right to claim priority
or an	у со	d to, all Letters Patent to be obtained for said invention by the above application intinuation, division, renewal, or substitute thereof, and as to letters patent any re-examination thereof.
		NOR hereby covenants that no assignment, sale, agreement or encumbrance has will be made or entered into which would conflict with this assignment.
		(Assignment of Invention [16-3]—page 2 of 3)

(Rel.74-12/97 Pub.605)

PATENT 16-3 REEL: 009995 FRAME: 0495

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITHE		reunto set hand and seal this day
of MAY	1999	
	of signing	
WARNING:	The date of signing must be the same checked above.	ne as the date of execution of the application, if item (a) was
Date: 05-	25-99	Signature of ASSIGNOR(S) Gary P. Erpenbeck
Date:		
Date:		
Date:		
	(if ASSIGNOR is a legal entity,	complete the following information)
		(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)
		Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)

State of CALIFORNIA	
	1
County of KANGE	
On May 25, 1989 before	ore me, TZI EPGUSON Name and Title of Officer (e.g., 'Jane Doe, Notary Public')
personally appeared	CROENBECK
Jersonally appeared	Name(s) of Signer(s)
/	personally known to me proved to me on the basis of satisfactory evidence □ proved to me on the basis of satisfactory evidence
	broved to the off the basis of satisfactory evidence
MITZI FERGUSON	to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they
Commission # 1188837 Notary Public - California	executed the same in his/her/their authorized capacity(ies),
Orange County	and that by his/her/their signature(s) on the instrument the
My Comm. Expires Jul 31, 2002	person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
	WITNESS my hand and official seal.
	Mtint
	Signature of Notary Public
•	— OPTIONAL — ()
Though the information below is not required by la	w, it may prove valuable to persons relying on the document and could prevent
fraudulent removal ar	nd reattachment of this form to another document.
Description of Attached Docume	ent
The ASSIGN	
Title or Type of Document: ASSIGN	MERI
Document Date: 1/28/98	Number of Pages: 3
(1. 05 11
Signer(s) Other Than Named Above:	Cy r. Jun M
Capacity(ies) Claimed by Signer	r(s)
•	1
Signer's Name:	Signer's Name:
□ Individual	☐ Individual
C Individual	☐ Corporate Officer
☐ Corporate Officer	
☐ Corporate Officer Title(s):	
☐ Corporate Officer Title(s): Ceneral	Title(s): General
☐ Corporate Officer Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney-in-Fact ☐ Trustee	Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney-in-Fact ☐ Trustee
☐ Corporate Officer Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney-in-Fact ☐ Trustee	Title(s): Partner — Limited General Attorney-in-Fact Trustee Guardian or Conservator Trustee
☐ Corporate Officer Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney-in-Fact ☐ Trustee ☐ Guardian or Conservator	Title(s): Partner — Limited General Attorney-in-Fact Trustee Guardian or Conservator GFSGNER
☐ Corporate Officer Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney-in-Fact ☐ Trustee ☐ Guardian or Conservator	Title(s): Partner — Limited General Attorney-in-Fact Trustee Guardian or Conservator
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☐ Corporate Officer Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney-in-Fact ☐ Trustee ☐ Guardian or Conservator	Title(s): Partner — Limited General Attorney-in-Fact Trustee Guardian or Conservator
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☐ Corporate Officer Title(s): Limited ☐ General Attorney-in-Fact Trustee Guardian or Conservator Other: Top of	Title(s): Partner — Limited General Attorney-in-Fact Trustee Guardian or Conservator OFSIGNER Top of thumb here

RECORDED: 05/26/1999

PATENT REEL: 009995 FRAME: 0497