U.S. Department of Commerce FORM PTO-1619A 01-31-2002 Patent and Trademark Office Expires 06/30/99 **PATENT** OMB 0651-0027 I :ET 101967070 TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) Conveyance Type Submission Type □ Security Agreement Resubmission (Non-Recordation) ☐ Change of Name License Document ID # ☐ Other Correction of PTO Error Reel # Frame U.S. Government (For Use ONLY by U.S. Government Agencies) Corrective Document Frame Reel # Departmental File Secret File Conveying Party(ies) Mark if additional names of conveying parties attached **Execution Date** Month Day Year CONWAY, Christopher J. 80 2001 Name (line 1) Name (line 2) **Execution Date** Second Party Day Year Month Name (line 1) ROGERS, Fred 2001 Name (line 2) Mark if additional names of receiving parties attached Receiving Party Name (line 1) Thermal Dynamics Corporation If document to be recorded is an assignment and the receiving party is not Name (line 2) domiciled in the United States, an appointment of a domestic Address (line 1) representative is attached. 82 Benning St. (Designation must be a separate document from Assignment.) Address (line 2) 03745 Address (line 3) West Lebanon New Hampshire State/Country Zip Code Domestic Representative Name and Address Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3)

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

FOR OFFICE USE ONLY

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

), PBY2005 KRECHAC 00000194 10050035 PRINCHA

Address (line 4)

PATENT REEL: 012516 FRAME: 0065

FORM PTO-1619E
Expires 06/30/99
OMB 0651 0027

Page 2

U.S. Department of Commerce Patent and Trademark Office PATENT

Name Kelly K. Burris, Esq. Address (line 1) Harness, Dickey & Pierce, P.L.C. Address (line 2) 7700 Bonhomme Avenue Address (line 3) Suite 400 Address (line 4) St. Louis, Missouri 63105 Pages Enter the total number of pages of the attached conveyance document including any attachments Application Number(s) or Patent Number(s) Mark if additional numbers attached. Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Number(s) If this document is being filed together with a new Patent Application, enter the date the patent application was Month Day Year signed by the first named executing inventor. Patent Cooperation Treaty (PCT) Enter PCT application number PCT PCT PCT PCT PCT Number as not been assigned. PCT PCT PCT PCT Number as not been assigned. PCT	Correspondent N	Name and Address	Area Code and Telephone Number	314-726-7500		
Address (line 2) 7700 Bonhomme Avenue Address (line 3) Suite 400 Address (line 4) St. Louis, Missouri 63105 Pages Enter the total number of pages of the attached conveyance document including any attachments 4	Name [Kelly K. Burris, Esq.				
Address (line 3) Suite 400 Address (line 4) St. Louis, Missouri 63105 Pages Enter the total number of pages of the attached conveyance document including any attachments # 4 Application Number(s) or Patent Number(s) Mark if additional numbers attached. Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Number(s) Patent Number(s) If this document is being filed together with a new Patent Application, enter the date the patent application was Month Day Year signed by the first named executing inventor. Patent Cooperation Treaty (PCT) PCT PCT PCT PCT Enter PCT application number only if a U.S. Application Number as not been assigned. PCT PCT PCT PCT PCT Number of Properties Enter the total number of properties involved. # 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.)	Address (line 1)	Harness, Dickey & Piero	ce, P.L.C.			
Pages	Address (line 2)	7700 Bonhomme Avenu	Je			
Pages Enter the total number of pages of the attached conveyance document including any attachments Application Number(s) or Patent Number(s)	Address (line 3)	Suite 400				
Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Application Number(s) Patent Cooperation Treaty (PCT) Enter PCT application number PCT PCT PCT Only if a U.S. Application Number of Properties Enter the total number of properties involved. # 1 Pee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.)	Address (line 4)	St. Louis, Missouri 631	05			
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Number(s) Patent Number(s) Patent Number(s) Patent Number(s) Patent Number(s) If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number as not been assigned. PCT PCT PCT PCT Number of Properties Enter the total number of properties involved. # 1 Pee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.)	Pages			document # 4		
Patent Application Number(s) Patent Number(s) If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number as not been assigned. PCT PCT PCT PCT Number of Properties Enter the total number of properties involved. # 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.)	Application Num	ber(s) or Patent Num	nber(s)	onal numbers attached.		
If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number as not been assigned. PCT	Enter either the	e Patent Application Number or	the Patent Number (DO NOT ENTER BOTH	I numbers for the same property).		
Patent Cooperation Treaty (PCT) Enter PCT application number PCT	Patent A	Application Number(s)	Pat	tent Number(s)		
Patent Cooperation Treaty (PCT) Enter PCT application number PCT						
Patent Cooperation Treaty (PCT) Enter PCT application number PCT						
Patent Cooperation Treaty (PCT) Enter PCT application number PCT						
Patent Cooperation Treaty (PCT) Enter PCT application number PCT				Month Day Year		
Patent Cooperation Treaty (PCT) Enter PCT application number PCT PCT PCT PCT only if a U.S. Application Number as not been assigned. PCT PCT PCT Number of Properties Enter the total number of properties involved. # 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.)			Application, enter the date the patent application	ation was		
Enter PCT application number only if a U.S. Application Number as not been assigned. PCT PCT PCT PCT Number of Properties Enter the total number of properties involved. # 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.)		-				
only if a U.S. Application Number as not been assigned. PCT PCT PCT PCT Number of Properties Enter the total number of properties involved. # 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed ☑ Deposit Account ☐ Deposit Account ☐ Deposit Account ☐ Enter for payment by deposit account or if additional fees can be charged to the account.)	-	-	PCT PCT	PCT		
Number of Properties Enter the total number of properties involved. # 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.)		application number				
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.)	Number as	s not been assigned.	PCT PCT	PCT		
Method of Payment: Enclosed Deposit Account Deposit Account Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.)	Number of Properties Enter the total number of properties involved. # 1					
Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.)	Fee Amount	Fee Amoun	t for Properties Listed (37 CFR 3.41):	\$ 40.00		
Enter for payment by deposit account or if additional fees can be charged to the account.)			nclosed Deposit Account			
# 00.0750			itional fees can be charged to the account.)			
	Enter for payme			# 08-0750		
Authorization to charge additional fees: Yes No No		Authorizatio	on to charge additional fees:	Yes 🛛 No 🗌		
Statement and Signature						
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.						
Kelly K. Burris, Reg. No. 46,361 Selly K. Junis November 9, 2001	Kelly K Burris Reg N	Jo. 46.361	Lella & Truris	November 9, 2001		
Name of Person Signing Signature Date			Signature			

PATENT REEL: 012516 FRAME: 0066

ASSIGNMENT

Atty. Docket No. 9858-000041

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

QUICK DISCONNECT HAVING A MAKE-BREAK TIMING SEQUENCE

for whi	ch Assig	gnor is a	bout to make or has made United States or International application for paten
	(a)	\boxtimes	executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
	(b)		executed on,; or
	(c)		filed on, and assigned Serial No or PCT International Application No;
	(d)		U.S. Patent No, issued; and

WHEREAS. Thermal Dynamics Corporation, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged. Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, reexamination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth:

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Page 1 of 2

6032986461

PATENT **REEL: 012516 FRAME: 0067**

97%

ASSIGNMENT

Assignor hereby authorizes and requests my attorney to insert here in parentheses (Application No. _______, filed _______) the filing date and application number of said application when known.

Christopher J. Comway | 11/8/0 / Date

Page 2 of 2

6032996461