FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 28 12-15-2000



101552157

RECORDATION FORM COVER SHEET

U.S. Department of Commerce Patent and Trademark Office

PATENT

7/724220

PATENTS ONLY				
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).				
Submission Type	Conveyance Type			
X New	X Assignment Security Agreement			
Resubmission (Non-Recordation) Document ID#	License Change of Name			
Correction of PTO Error Reel # Frame #	Merger Other U.S. Government			
Corrective Document Reel # Frame #	(For Use ONLY by U.S. Government Agencies) Departmental File Secret File			
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date			
Name (line 1) Scott R. Holloway	Month Day Year 11-21-2000			
Name (line 2)				
Second Party	Execution Date Month Day Year			
Name (line 1)				
Name (line 2)				
Receiving Party Mark if additional names of receiving parties attached				
Name (line 1) Magnum Research, Inc.	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) 7110 University Avenue	Northeast representative is attached (Designation must be a			
Address (line 2)	separate document from Assignment.)			
Address (line 3) Minneapolis	Minnesota 55432 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)				
Address (line 4)				
P93 - 92 %	OR OFFICE USE ONLY			

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, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:

Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

REEL: 011329 FRAME: 0257

FORM PTO Expires 06/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Corresponde	ent Name and Address	Area Code and Telephone Numb	er (612) 340-8933	
Name [Gerald E. Helget			
Address (line 1)	RIDER, BENNETT, EGA	N & ARUNDEL		
Address (line 2)	333 South Seventh S	treet, Suite 2000		
Address (line 3)	Minneapolis, MN 554	02		
Address (line 4)				
Pages	Enter the total number of p including any attachments	eages of the attached conveyance do	cument #	
	Number(s) or Patent Nu		k if additional numbers attached	
	e Patent Application Number or th∌ ent Application Number(s)	Patent Number (DO NOT ENTER BOTH number)	tent Number(s)	
Fatt	The result of Mariber (s)		tent (dinber(s)	
	s being filed together with a <u>new</u> Part t named executing inventor. Of a	tent Application, enter the date the patent appli even date	ication was Month Day Year	
Patent Coop	eration Treaty (PCT)	PCT PCT	РСТ	
only	r PCT application number <u>if</u> a U.S. Application Numbe not been assigned.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	PCT	
Number of Properties Enter the total number of properties involved. #				
Fee Amount	Fee Amount	t for Properties Listed (37 CFR 3.41)	: \$ 40.00	
		losed X Deposit Account		
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 50-1188				
		Authorization to charge additional fees:	Yes X No	
Statement ar	nd Signature			
attache		oelief, the foregoing information is true original document. Charges to depo		
Gerald E.	Helget	= US HUT	November 28, 2000	
	of Person Signing	Signature	Date	

PATENT REEL: 011329 FRAME: 0258

Attorney Docket No.: 13916-106

ASSIGNMENT

WHEREAS, Scott R. Holloway, a citizen of the United States of America, residing at 2544 Helen Street North, N. St. Paul, Minnesota 55109, made an invention disclosed and claimed in an application for United States Letters Patent entitled ALUMINUM COMPOSITE FOR GUN BARRELS and signed of even date herewith.

WHEREAS, Magnum Research, Inc., a Minnesota corporation, having a principal place of business at 7110 University Avenue Northeast, Minneapolis, Minnesota 55432, is desirous of acquiring an interest in and to said invention, and in and to the Letters Patent that issues thereon:

NOW, THEREFORE, Be It Known, that for good and valuable consideration, the receipt of which is hereby acknowledged by the undersigned, the entire right, title and interest of said Scott R. Holloway, in and to said application for United States Letters Patent, and the invention disclosed and claimed therein, the resultant patent or patents for said invention, and any renewals, reissues, extensions, substitutions, continuations or divisions thereof, continuations-in-part thereof, including all rights to apply for and obtain patents therefore in all foreign countries, is hereby sold, assigned and transferred unto said Magnum Research, Inc.

Scott R. Holloway agrees to sign such papers, testify orally and do other things at the expense of Magnum Research, Inc., or its successors or assigns, as may be reasonably necessary for the purpose of obtaining and enforcing such patents.

The Commissioner of Patents is hereby authorized and requested to issue said Letters Patent in accordance with this agreement

Signed at MINN	this 2/ day of November, 2000
	Scott R. Holloway
STATE OF POR) ss.	
Subscribed and sworn to before me	e this $2/\frac{2}{2}$ day of 000 , 2000.
	Notary Public
	MARINE I

GEH/mej/593296.1

RECORDED: 11/28/2000

NSTON ASTON

PATENT REEL: 011329 FRAME: 0259