01 F¢:581

40.00 CH



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

Attorney File # 482

100944685

RECORDATION FORM COVER SHEET PATENTS ONLY

		100944000		à
	RECORDA	ATION FORM COV PATENTS ONI		.s. 916
TO: The Comn	nissioner of Patents and Trademark			ument(s) or copy(ies).
Submission	Туре	Conveyance Typ	ре	200
New		X Assignment	Security Aç	greement 5
Resubmi: Documer	ssion (Non-Recordation) at ID#	License	Change of	Name
Correction Reel #	n of PTO Error Frame #	Merger	Other	
L	e Document	(For Us	U.S. Governme se ONLY by U.S. Govern	ent ment Agencies)
Reel #	Frame #	X De	partmental File	Secret File
Conveying I	Party(ies)	Mark if additional	names of conveying	parties attached Execution Date
Name (line 1)	DENNIS L. BEAN			Month Day Year 11/09/98
Name (line 2)				
Second Party				Execution Date Month Day Year
Name (line 1)	PHILIP G. MALONE			11/09/98
Name (line 2)				
Receiving P	artv	× M	ark if additional name	s of receiving parties attached
•	U.S.Army Corps of End			
Harric (line I)	U.S.AIMY COLDS OF ENC	Lileers, as re	resenced by	is an assignment and t
Name (line 2)	the Secretary of the	Army		domiciled in the United States, an appointment
Address (line 1)	Kingman Building ATTN	L CEHEC-CC		of a domestic
A.1.1				(Designation must be a separate document from
Address (line 2)	7701 Telegraph Road			A ssignment.,
Address (line 3)	Alexandria,	Virginia	223	<u>15-3860</u>
Domestic Re	epresentative Name and Ac	State Country Idress Enter f	or the first Receiving I	Zip Code
Namo				
Marile	Luther A. Marsh Esq.	Reg. No. 20,0	18	
Address (line 1)	ATTN: CEHEC-OC King	man Bullding		
	7701 Telegraph Road			
Address (line 2)	TOTAL TOTAL APPLICACE			
	Alexandria, VA 22315-	3860		

Public ourden 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 addre SS.

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

	P	Attorney File # 482
FORM PTO-1619B Expres 06/30 99 OME (651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
orrespondent Name and Address	Area Code and Telephone Number	703-428-7671
Name Luther A. Marsh		
ddress (line 1) ATTN: CEHEC-OC Ki	ngman Building	
ddress(line 2) 7701 Telegraph Roa		
ddress (line 3) Alexandria, Va 223		
ddress (line 4)	13 3000	
ages Enter the total number of particular including any attachments	ages of the attached conveyance docu	# <u>28</u>
pplication Number(s) or Patent Nu	mber(s) Mark	if additional numbers
Patent Application Number or the Patent Application Number(s) Patent Application Number(s) this document is being filed together with a new Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned. Imber of Properties Enter the together with a new Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.	Pate Pate	ent Number(s)
Method of Payment: Encl Deposit Account Enter for payment by deposit account or if ad	Deposit Account Number:	#[01-2505
atement and Signature	Authorization to charge additional fees:	Yes X No
To the best of my knowledge and be	elief, the foregoing information is true original document. Charges to depos	
Luther A. Marsh, 20,018	\$ignature	7, 8/94 Date

PATENT REEL: 9699 FRAME: 0454

Attorney	$\mathtt{Fil}e$	#	482
----------	-----------------	---	-----

FORM PTO-1619C Expire 06/30/99 CMB 0551-0007

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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

Conveying Party(ies) Enter additional Conveying Parties	Mark if add	litional names of conveyi	ng parties attached	Execution Date Month Day Year
Name (line 1) ANDRIES D. SE	BASTIAN			12/03/98
Name (line 2)			· · · · · · · · · · · · · · · · · · ·	Execution Date Month Day Year
Name (line 1)				Month Day Teal
Name (fine 2)				Execution Date Month Day Year
Name (line 1)				Institut Day Tour
Name (line 2)				
Receiving Party(ies)		Mark if additional nam	es of receiving parties	attached
Enter additional Receiving Party(ies)	- ا		•	
Name (line 1)				If document to be recorded is an assignment and the receiving party is not
Nanie (line 2)				domiciled in the United States, an appointment
Address (line 1)				of a domestic representative is attached. (Designation must be a
Address (line 2)				separate document from Assignment.)
Address (line 3) Cit	у	State/Country	Zip Code	
Name (line 1)				f document to be recorded s an assignment and the
Name (line 2)				receiving party is not domiciled in the United States, an appointment of a
Address (line 1)				domestic representative is attached. (Designation must be a separate document from
Address (line 2)				Assignment.)
Address (line 3)		State/Country	Zip Cod	
Application Number(s) or Pa	• •	Mark if additional	Inumbers	
Patent Application N	lumber(s)	l	Patent Numbe	r(s)

PATENT REEL: 9699 FRAME: 0455

ASSIGNMENT OF INVENTION

For use of this form, see AR 27-60; the proponent agency is OTJAG

Title of Invention: Worker	for Attacher Take	icant flor Civerno	Natera . Concrete D. Sebestical	
nventor(s): Dr 4.035 L	Bran, Phily Giller	ne and Andries	D. Sebestical	
*Application Sarial No.:				
*Date Oath Executed:	• Fili	ng Date:		
(*D	ata not known at execution may b	e added for better identificat	ion.)	
I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virture of the circumstances under which the above-entitled invention was made, hereby:				
1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.				
2. Agree to essign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filling of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherence of the foreign policies of the Government.				
3. Agree to provide any further information within my (our) knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.				
Signature of Inventor:	(First name) (M	an By Pa Middle Initial) (La	trisia (1. 13 can	
Duty Address: 3909	Halls Der		(State)	
Date: May 9	1965 Typed	Dennis Name of Inventor: By Pat	s L. Bean ricia A. Bean, Executrix	
county of Warren	P: ss.			
•	cicin A. Bean for Dennis Hing instrument duly appeared befo		1	
(SEAL)		Many Sh	et Dinewell	
		My Commission expires on _	June 24, 2000	

DA FORM 2874-R, APR 93

REPLACES DA FORM 2874-R, MAR 74, WHICH IS OBSOLETE,

Page

Pages

SUPPLEMENTAL SIGNATURE SHEET For use of this form, see AR 27-60; the proponent agency is OTJAG			
Use this form with DA Forms 2873-R and 2874-			
. ASSIGNOR(s) OR LICENSOR(s) NAME(s)	2. APPLICATION SERIAL NUMBER		
	- THE STATE OF THE PARTY OF THE		
	3. FILING DATE		
1. TITLE OF INVENTION			
Mitted for Attaching Cobircand	Hor Covering Nateria : 10 Cong. 10		
SIGNATURE OF INVENTOR:	D) Malore		
Strat named	(Middle invited) (Last name)		
DUTY ADDRESS: 3909 HALLS FERRY RD	VICK BURG MS		
11/0/40	Philip G. Malone		
DATE SIGNED: 11/9/48 INVENTO	R'S TYPED NAME: FILLILP G. PILLORE		
• • • • • •	• • • • • •		
STATE OF MISSISSIPP,			
COUNTY OF Warren			
On the above date Philip C Male			
executed the foregoing instrument duly appeared before me a free act and deed.	and acknowledged to me that he executed the same as his own		
	Ma Welly co		
SEAU	Mica Xent Maswell		
	(Signature of notary public)		
	June 24 2000		
My	Commission expires on TWICE		
Do heir	Calma L.		
SIGNATURE OF INVENTOR: FILE NAME I	(Medito initial) (Last name)		
DUTY ADDRESS: 45E1 North Heces	S Ed. Ckaffanorga, TN		
DUTY ADDRESS: 7 /C/ / YCT// FACCES	s ky, challanger, 118		
DATE SIGNED: $12/3/98$ INVENT	OR'S TYPED NAME: Andries D. Sebastian		
• • • • •	• • • • • •		
Terressee			
STATE OF ROSSICE SS.			
On the above data Archics D Self	Rhown to me to be the individual described in and who		
executed the foregoing instrument duly appeared before me	and acknowledged to me that he executed the same as his own		
free act and deed.			
greater to	Fine My faces		
(SEAL)			
the first section of the section of	(Signature or notary subtec)		
M	V Commission expires on NY COMMISSION 0.773.0, 200		

DA FORM 4230-R, APR 93

RECORDED: 01/13/1999

REPLACES DA FORM 4230-R. MAR 74,WHICH IS OBSOLETE

Page

Pages

PATENT REEL: 9699 FRAME: 0457

of