FORM PTO-1599 (Modified) • (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/200) P08/REV03

12-16-2003



Docket No.: EM 98.01 CIP

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Tab settings + + 10262	
1. Name of conveying party(ies): Christopher J. Corcoran Richard R. Fontana	Name and address of receiving party(ies): Name: Engineering Matters, Inc.
	Internal Address:
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
	Street Address: 23 Farwell Street
☐ Security Agreement ☐ Change of Name	
☐ Other	City: Newton State: MA ZIP: 02460
Execution Date: October 1, 2003 and December 3, 2003	Additional name(s) & address(es) attached? Yes No
Application number(s) or patent numbers(s): If this document is being filed together with a new application	, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/953,662 September 18, 2001	
11/2003 HBLI11 00000098 09953662 110021 40.00 DP	
Additional numbers attac	ched? Yes No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Peter A. Nieves	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address:	Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	☐ Authorized to be charged to deposit account
Street Address: Hayes Soloway P.C.	8. Deposit account number:
175 Canal Street	08-1391
City: Manchester State: NH ZIP: 03101	
DO NOT	USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document.	nation is true and correct and any attached copy is a true copy
Peter A. Nieves	12/6/03
Name of Person Signing	/ Signature Date

Total number of pages including cover sheet, attachments, and document:

•	Assignment of Rights, Title and (Multiple inventors; sir		Docket No. EM 98.01 CIP
This is an A	ssignment of the following rights, title o		
	United States of America rights, title		
	Foreign rights, title and interest in th		
	United States Patent Application Seri		
	Date of Execution:	Date of Filing: September	18, 2001
	United States Provisional Patent App	lication Serial No.	
	United States Patent No(s).		ad = ""
	International (PCT) Patent Application	on Serial No.	
	Other (specify)		
Title of the 1			
Motor As	sembly Allowing Output in Multiple Degr	rees of Freedom	
Inventors (a	ssignors)		
	Name	Address	
	r J. Corcoran .	49 Jerome Avenue, Newton, Massachuse	
Richard R.	Fontana	14 Valley Road, Cape Elizabeth, Maine 04	4107
	Mark Mark Mark Mark Mark Mark Mark Mark		
	the state of the s		
}			
Assignee			
	Name	Address	
Engineerin	g Matters, Inc.	23 Farwell Street Newton, Massachusetts 02460	
		Ī	

[Page 1 of 3]

AS03A/REV01

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. EM 98.01 CIP

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Christopher J. Corcoran	
Richard R. Fontana	

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. EM 98.01 CIP

(Although notarizatio	n is not necessary, it will be conside	Notarization red prima facie evidence of execution pursuant to 35 U.S.C. 261.)
Executed this /	day of OCTUBER	, in the year 2903
State of Massachusetts		(Signature of Inventor)
County of		
Before me personally appear who acknowledged the fore execute the same this		ree act and deed and also represented that he or she is authorized to
execute the same this		in the year 2003 7-15-05 (Notary Public) My Commussion & Mussion in the year 2003
Executed this at	day of	, in the year 2003
State of Maine		(Signature of Inventor)
County of		
Before me personally appear who acknowledged the fore execute the same this		ree act and deed and also represented that he or she is authorized to , in the year 2003
		(Notary Public)
Executed this at	day of	, in the year
State of		(Signature of Inventor)
County of		
Before me personally appear who acknowledged the fore execute the same this		ree act and deed and also represented that he or she is authorized to , in the year
Ī		

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. EM 98.01 CIP

Executed this	day of	, in the year 2003
		(Signature of Inventor)
ate of Massachusetts		
ounty of		
efore me personally appear	red Christopher J. Corcora	an
ho acknowledged the fore	going instrument to be a	free act and deed and also represented that he or she is authorized
ecute the same this	day of	, in the year 2003
		(Notary Public)
Executed this 3	day of Decores	, in the year 2003
CAPE ELIZABET	H, ME	Richard R. Forten
		(Signature of Inventor)
tate of Maine	,	
County of Cumberland	d	
ourse of		
Refore me personally appear	red Richard R. Fontana	
Sefore me personally appear	red Richard R. Fontana	free act and deed and also represented that he or she is authorized $b^arrho\gamma$, in the year 2003
defore me personally appear who acknowledged the fore execute the same this TERE Notary	red Richard R. Fontana egoing instrument to be a 2 rel day of Decem SAD OLSEN 1 Public, James	100
defore me personally appear who acknowledged the fore execute the same this TERE Notary	red Richard R. Fontana egoing instrument to be a 3 rel day of Decem SAD. OLSEN	
defore me personally appear who acknowledged the fore execute the same this TERE Notary My Commission	red Richard R. Fontana egoing instrument to be a 2 rel day of Decem SAD OLSEN 1 Public, James	Lesse Description (Notary Public)
lefore me personally appear tho acknowledged the fore execute the same this TERE Notary My Commission	red Richard R. Fontana egoing instrument to be a 2 rel day of Decem SAD OLSEN 1 Public, James	ther , in the year 2003
lefore me personally appear tho acknowledged the fore execute the same this TERE Notary My Commission	red Richard R. Fontana regoing instrument to be a 2 rel day of Decem SAD. OLSEN / Public, plane Expires October 11, 2004	Lesse Description (Notary Public)
efore me personally appear ho acknowledged the fore xecute the same this TERE Notary My Commission	red Richard R. Fontana regoing instrument to be a 2 rel day of Decem SAD. OLSEN / Public, plane Expires October 11, 2004	Juesa Deser 2003 Juesa Deser (Notary Public) , in the year
efore me personally appear ho acknowledged the fore xecute the same this TERE Notary My Commission Executed this	red Richard R. Fontana regoing instrument to be a 2 rel day of Decem SAD. OLSEN / Public, plane Expires October 11, 2004	Lesa D. Olsen (Notary Public)
efore me personally appear ho acknowledged the fore xecute the same this TERE Notary My Commission Executed this	red Richard R. Fontana regoing instrument to be a 2 rel day of Decem SAD. OLSEN / Public, plane Expires October 11, 2004	Juesa Deser 2003 Juesa Deser (Notary Public) , in the year
efore me personally appear ho acknowledged the fore xecute the same this TERE Notary My Commission Executed this	red Richard R. Fontana regoing instrument to be a 2 rel day of Decem SAD. OLSEN / Public, plane Expires October 11, 2004	Juesa Deser 2003 Juesa Deser (Notary Public) , in the year
efore me personally appear ho acknowledged the fore xecute the same this TERE Notary My Commission Executed this t	red Richard R. Fontana regoing instrument to be a 2 rel day of Decem SAD. OLSEN / Public, Diame Expires October 11, 2004 day of	Juesa Dolso (Notary Public) , in the year (Signature of Inventor)
lefore me personally appearable acknowledged the fore execute the same this TERE Notary My Commission Executed this t	red Richard R. Fontana regoing instrument to be a 2 rel day of Decem SAD OLSEN Public, state Expires October 11, 2004 day of red red regoing instrument to be a	free act and deed and also represented that he or she is authorized.
tefore me personally appearable acknowledged the fore execute the same this TERE Notary My Commission Executed this to the fore the personally appearable to the fore me personally appearable to the fore me personally appearable to the fore me personally appearable to the fore the fore the personally appearable to the fore the personally appearable to the fore the personally appearable the fore the fore the personally appearable to the fore	red Richard R. Fontana regoing instrument to be a 2 rel day of Decem SAD. OLSEN / Public, Diame Expires October 11, 2004 day of	Juesa Deser 2003 Juesa Deser (Notary Public) , in the year
efore me personally appear ho acknowledged the fore xecute the same this TERE Notary My Commission Executed this tate of county of lefore me personally appear	red Richard R. Fontana regoing instrument to be a 2 rel day of Decem SAD OLSEN Public, state Expires October 11, 2004 day of red red regoing instrument to be a	free act and deed and also represented that he or she is authorized.

[Page 3 of 3]

PATENT REEL: 014781 FRAME: 0469