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

06-14-2000

PATENT 101381233 SHEET 6.1.00 PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) Submission Type Conveyance Type **Assignment Security Agreement** New Resubmission (Non-Recordation) License **Change of Name** Document ID# Correction of PTO Error Other Merger Reel # Frame # U.S. Government (For Use ONLY by U.S. Government Agencies) **Corrective Document** Reel # Frame # Departmental File Conveying Party(ies) Mark if additional names of conveying parties attached d Execution Date Month Day Year Name (line 1) 22 00 Name (line 2) **Execution Date** Month Day Second Party Name (line 1) Name (line 2) **Receiving Party** Mark if additional names of receiving parties attached If document to be recorded Eriez Magnetics Name (line 1) is an assignment and the receiving party is not domiciled in the United Name (line 2) States, an appointment of a domestic Address (line 1) representative is attached. PO Box 10608 (Designation must be a separate document from Address (line 2) Assignment.) Address (line 3) Erie **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) FOR OFFICE USE ONLY The PTO did not listed item(s) \$\frac{4}{3}\$

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**PATENT** 

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## RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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

Conveying Pa	- mark is additional flames of controlling parties attached	D'S
Enter additional Co		Execution Date Month Day Year
Name (line 1)	Richard S. Darling	\$ 22 00
Name (line 2)		Execution Date Month Day Year
Name (line 1)		
Name (line 2)		Execution Date Month Day Year
Name (line 1)		
Name (line 2)		
Receiving Par	ty(ies) Mark if additional names of receiving partic	es attached
	eceiving Party(ies)	attaonica
Name (line 1)		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United States, an appointment
Address (line 1)		of a domestic representative is attached. (Designation must be a separate
Address (line 2)		document from Assignment.)
Address (line 3)	City State/Country Zip Coo	de
Name (line 1)		If document to be recorded is 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)	City State/Country Zip C	code
Application N	umber(s) or Patent Number(s) Mark if additional numbers attached	
• •	Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the sa	ame property).
Pat	ent Application Number(s) Patent Numb	per(s)

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<b>FORM</b>	PTO-1619B
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U.S. Department of Commerce Patent and Trademark Office

OMB 0651-0027	PAIENI
Correspondent Name and Address Area Code and Telephone Number (214) 474-4	9016
Name Richard K. Thomson	
Address (line 1) 7691 Fairlane Dr	
Address (line 2) Fairview, PA 16415	
Address (line 3)	
Address (line 4)	
Pages Enter the total number of pages of the attached conveyance document including any attachments.	3
Application Number(s)   Mark if additional number	
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same proj	perty).
Patent Application Number(s) Patent Number(s)	
If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was signed by the first named executing inventor.	th Day Year
Patent Cooperation Treaty (PCT)	
Enter PCT application number PCT PCT PCT PCT	
only if a U.S. Application Number PCT PCT PCT	
has not been assigned.	
Number of Properties  Enter the total number of properties involved. #	1
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40	
Method of Payment: Enclosed  Deposit Account Deposit Account	
(Enter for payment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number: #	
Authorization to charge additional fees: Yes	No 🔀
Statement and Signature	
To the best of my knowledge and belief, the foregoing information is true and correct are attached copy is a true copy of the original document. Charges to deposit account are a indicated herein.  Richard K. Thomson Schard K. Momson S	
Name of Person Signing Signature	Date

The PTO did not receive the following listed item(s) #40 ND PATENT

PTO/SB/15 (8-96)
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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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ASSIGNMENT OF AP	PLICATION	Docket Number (Optional) AD# -88
Whereas, I, David Scott Bard referred to as applicant, have invented certain	in new and useful impro	vements in Belt Tracking
for Magnetic Roll Separa	iter	
for which an application for a United Application Number/	·	,
for which an application for a United	States Patent was exec	suted on $\frac{5/22/00}{}$ , and
Whereas, Friez Magnetics	of Erie,	PA herein referred to
"assignee" whose post office address is PO	Box 10608, Erie	PA 16514-0609 is de-
sirous of acquiring the entire right, title and in	nterest in the same;	
Now, therefore, in consideration of the sum of	of one dollars (\$	1.00 ), the receipt whereof is ac-
knowledged, and other good and valuable co	onsideration, I, the appli	cant, by these presents do sell, assign
and transfer unto said assignee the full and e	exclusive right to the said	d invention in the United States and the
entire right, title and interest in and to any and	dall Patents which may b	pe granted therefor in the United States,
I hereby authorize and request the Commiss	sioner of Patents and T	rademarks to issue said United States
Patent to said assignee, of the entire right, tit	le, and interest in and to	the same, for his sole use and behoof;
and for the use and behoof of his legal repres	sentatives, to the full en	d of the term for which said Patent may
be granted, as fully and entirely as the same	would have been held b	by me had this assignment and sale not
been made.	( ,	
Executed this 33 ND	day of May	, <del>19</del> 2000,
at Enic Pensylvonia	0	·
<i>'</i>		SCHOOL SOL
State of Language SS: County of Early Before me personally appeared said	AVID SCOTT K	(Signaturs)thleen F. Williams, Notary Public Millcreek Twp., Erie County My Commission Expires Mar. 21, 2003  Member, Pennsylvana, Association of Notares
and acknowledged the foregoing instrument to day of, 19 2000	o be his free act and dee	
,, , , ,	Kathlee	w.F. Williams
Seal		(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

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ASSIGNMENT OF APPLICATION	Docket Number (Optional) AD:#-88
Whereas, 1, Richard South Darling of Erie, PA	, hereafter
referred to as applicant, have invented certain new and useful improvements	sin Belt Tracking
	J
for which an application for a United States Patent was filed on  Application Number  for which an application for a United States Patent was executed on	
Whereas, Friez Magnetics of Erie, PA	herein referred to
"assignee" whose post office address is Po Box 10608, Erie, Pl	A 16514-0608 is de-
sirous of acquiring the entire right, title and interest in the same;	
Now, therefore, in consideration of the sum of one dollars (\$1.00	), the receipt whereof is ac-
knowledged, and other good and valuable consideration, I, the applicant, by	these presents do sell, assign
and transfer unto said assignee the full and exclusive right to the said invention	on in the United States and the
entire right, title and interest in and to any and all Patents which may be grante	ed therefor in the United States,
I hereby authorize and request the Commissioner of Patents and Trademar	ks to issue said United States
Patent to said assignee, of the entire right, title, and interest in and to the same	ne, for his sole use and behoof;
and for the use and behoof of his legal representatives, to the full end of the to	erm for which said Patent may
be granted, as fully and entirely as the same would have been held by me had	d this assignment and sale not
been made.	
Executed this 23 ND day of 47) ay	<u>, <del>19</del> 3000</u> ,
at Eric, Censylvania	)
	,
State of Missiphania 55.	(Signature)  Notarial Seal  Kathleen F. Williams, Notary Public
Before me personally appeared said KICHARD SCOTT DARL	// GMy Commission Expires Mar 21 2003
and acknowledged the foregoing instrument to be his free act and deed this day of 10 mg, 19 2000	Association of Nota les
Seal / Withlew T	Notary Public)

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**PATENT** 

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ASSIGNMENT OF APPLICATION	Docket Number (Optional) AD#-88
Whereas, 1, Timothy G. Shuttleworthof Grand	
referred to as applicant, have invented certain new and useful improven	nents in Belt Tracking
for Magnetic Roll Separator	
for which an application for a United States Patent was filed on	
for which an application for a United States Patent was executed	d on 5/22/00, and
Whereas, <u>Eriez Magnetics</u> of <u>Erie</u> , Pr	A herein referred to
"assignee" whose post office address is PO Box 10608, Eco	e-, PA 16514-0608 is de-
sirous of acquiring the entire right, title and interest in the same;	
Now, therefore, in consideration of the sum of <u>One</u> dollars (\$_1.	OO_), the receipt whereof is ac-
knowledged, and other good and valuable consideration, I, the applican	nt, by these presents do sell, assign
and transfer unto said assignee the full and exclusive right to the said in	vention in the United States and the
entire right, title and interest in and to any and all Patents which may be g	granted therefor in the United States,
I hereby authorize and request the Commissioner of Patents and Trad-	emarks to issue said United States
Patent to said assignee, of the entire right, title, and interest in and to the	e same, for his sole use and behoof;
and for the use and behoof of his legal representatives, to the full end of	f the term for which said Patent may
be granted, as fully and entirely as the same would have been held by m	ne had this assignment and sale not
been made.	
Executed this 33 ND day of May	, <del>19</del>
at Eric Pennsylvania	
Tuito de	Sh the mat 1
State of land auditmater SS:	(Signature) Notarial Seal
County of E110	Kathleen F. Williams, Notary Publi Millcreek Two Frie Coults
Before me personally appeared said <u>I MOTHY</u> O. <u>SHUTTE</u> and acknowledged the foregoing instrument to be his free act and deed the	CE WORT // Wy Commission Expires Mar. 21, 20
day of May . 19 2000	$\varphi(x)$
Seal \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(Notary Public)

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**RECORDED: 06/01/2000** 

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