

Attorney	Docket	No.:	07206/05900

Raytheon Company 141 Spring Street Lexington, MA 02173

☐ Yes ■ No

2. Name and address of receiving party(ies):

Additional names/addresses attached?

Assistant Commissioner for Patents: F

1.	Name of conveying party(ies):
	Simen Bessendorf, Richard V. Kemper,
	William A. Sciarretta and
	Edward T. Lowis

Additional name(s) attached? ☐ Yes ■ No

3. Nature of conveyance:

- Assignment
- □ Merger
- ☐ Security Agreement
- ☐ Change of Name
- ☐ Other:

Execution Dates:

Simen Bessendorf, June 22, 1998 Richard V. Kemper, July 1, 1998 William A. Sciarretta, June 22, 1998 Edward T. Lewis, June 25, 1998

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):

09/038,251 filed 3/10/98

Additional numbers attached? ☐ Yes ■ No.

5. Name/address of party to whom correspondence concerning document should be mailed:

40.00 OP

Richard M. Sharkansky Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804

A/12/1999 JSHABAZZ 00000120 09038251

FC:581

- Total number of applications/patents involved: 1
- 7. Total fee (37 CFR 3.41): \$40
 - Enclosed

B. Patent No.(s):

☐ Authorized to charge deposit account

Deposit account number: 06-1050 If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9.	Statement and signature: To the best of n	ny knowledge jend	belief, the for	regoing information	is true and correct
	and the attached is the original document Richard M. Sharkansky				4/4/89
	Name of Person Signing	Signature		D	ate
	Total number of pages in	ncluding cover sho	eet, attachmer	nts, and document: 4	1

Date of Deposit I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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REEL: 9873 FRAME: 0115

ASSIGNMENT

For valuable consideration, we, Simon Bessendorf, of Brighton, MA; Richard V. Kemper of
Westford, MA; William A. Sciarretta of Lexington, MA; and Edward T. Lewis of Sudbury, MA hereby
assign to Raytheon Company, a Delaware corporation having a place of business at 141 Spring Street,
Lexington, MA 02173, and its successors and assigns (collectively hereinafter called "the Assignee"), the
entire right, title and interest throughout the world in the inventions and improvements which are subject of
an application for United States Patent signed by us, entitled ELECTROMAGNETIC ENERGY

DETECTION, filed March 10, 1998, and assigned U.S. Serial Number 09/038,251, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

In Witness Whereof, I hereto set my hand an	d seal at Feu	, hisbury MI	1.
this $\frac{22nd}{}$ day of $\frac{3ane}{}$, 1998	Ben	dor	L.S
SIMON BE	SSENDORF	1	
STATE OF Massachusetts:		•	
COUNTY OF Middlesex:			
Before me this 22 day of	of Jun=	, 19 ^{'†&} , personal	lly appeared
SIMON BESSENDORF		-	ose name is subscribed to

the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public Rter Dulchings

My Commission Expires: Nov - 3.007

[Notary's Seal Here]

PATENT REEL: 9873 FRAME: 0116

IN WITNESS WHEREOF, I hereto set my hand and seal at westford, MA,
this 15+ day of July , 1978
RICHARD V. KEMPER L.S.
RICHARD V. KEMPER /
STATE OF Massachusetts:
COUNTY OF Middlesex:
Before me this 15T day of July , 1998, personally appeared
RICHARD V. KEMPER known to me to be the person whose name is subscribed to
the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.
• •
Notary Public Perer Dulchings
Notary Public Fefer Dulchings
My Commission Expires: № ↑,2001 [Notary's Seal Here]
In WITNESS WHEREOF, I hereto set my hand and seal at Towkshary MA,
this 22 nd day of June, 1998 William of Scianette L.S.
Willian & Scianetta L.S.
WILLIAM A. SCIARRETTA
STATE OF Massachusetts:
COUNTY OF MADDESEX:
Before me this 2223 day of June, 1998, personally appeared
WILLIAM A. SCIARRETTA known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.
Let. Out don't
Notary Public Peter Dulchings
My Commission Expires: Nov 9, 200,
My Commission Expires: (1997)

PATENT REEL: 9873 FRAME: 0117

In WITNESS WHEREOF, I here	eto set my hand and se	eal atAndo	144	MA	,
this day of		· · · · · · · · · · · · · · · · · · ·			
	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.	2		L.S.
-	EDWARD T.	LEWIS			
STATE OF Massachuset	<u>f </u>				
COUNTY OF Middlesex	; ss. :				
Before me this	as tt. day of _	June, 1	19 <u>98-,</u>	personally appeared	
EDWARD T. LEWIS	kno	own to me to be th	he per	son whose name is su	bscribed to
the foregoing Assignment, and the purposes therein contained	_	he/she executed the	e sam	e as his/her free act a	nd deed for
	Do British	الرسال			
Ĩ	Notary Public Pater	Dulchinos			
I	My Commission Expir	res: Nov. 7, 2001			

[Notary's Seal Here]

RECORDED: 04/06/1999

PATENT REEL: 9873 FRAME: 0118