

MAD
1-24-00

02-24-2000



101274061

FORM PTO-19
1-31-92

RECEIVED
JAN 24 PM 2:19
RECORD.

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

OPR/FINANCE

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Watkins-Johnson Company

Individual(s)

General

Partnership

Corporation - State California

Other _____

Additional name(s) of conveying party(ies) attached? Yes No

Association

Limited

Partnership

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

Name: Marconi Aerospace Electronic Systems Inc.

Internal Address: _____

Street Address: 305 Richardson Road

City: Lansdale

State: PA Zip: 19446

3. Nature of Conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other _____

Individual(s) citizenship _____

Association _____

General Partnership _____

Limited Partnership _____

Corporation - Commonwealth of Pennsylvania

Other _____

If assignee is not domiciled in the U.S., a domestic representative designation is

attached: Yes No

(Designation must be a separate document from Assignment)

Execution Date: January 12 & 13, 2000

Effective Date: January 14, 2000

Additional name(s) & address(es) attached? Yes No

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

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

A. Patent Application No.(s)

08/378,457

08/762,979

08/903,713

60/003,972

09/017,455

09/016,629

B. Patent No.(s)

5,341,110

5,974,081

5,977,912

02/23/2000 DNGUYEN 00000227 08378457

01 FC:581

360.00 DP

PATENT
REEL: 010557 FRAME: 0251

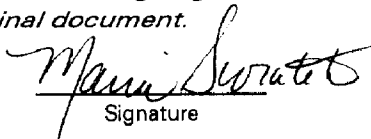
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Maria S. Swiatek</u></p> <p>Internal Address: <u>FLEHR HOHBACH TEST</u> <u>ALBRITTON & HERBERT LLP</u></p> <hr/> <p>Street Address: <u>SUITE 3400</u> <u>FOUR EMBARCADERO CENTER</u></p> <p>City: <u>SAN FRANCISCO</u></p> <p>State: <u>CA</u> Zip: <u>94111-4187</u></p>	<p>6. Total number of applications and patents involved: <u>9</u></p> <hr/> <p>7. Total fee (37 CFR 3.41):.....\$ <u>360.00</u></p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <hr/> <p>8. Deposit account number: <u>06-1300</u> Please debit any underpayment or credit any overpayment to the above deposit account.</p> <p>Our Order No. <u>A-63687-9/AJT/MSS</u> (Attach duplicate of this page if paying by deposit account)</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Maria S. Swiatek, Reg. No. 37,244
Name of Person Signing


Signature

January 18, 2000
Date

Total number of pages including cover sheet, attachments and document: [8]

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

File No. G-63687-9/AJT/MSS
1003576

Rev. 8/93

ASSIGNMENT OF PATENTS AND TRADEMARKS

WHEREAS, Watkins-Johnson Company, a California corporation having a place of business at 3333 Hillview Avenue, Palo Alto, California 94304 (hereinafter referred to as "ASSIGNOR"), is the owner of the inventions, patents, and patent applications (collectively the "Patent Properties"), and of the trademarks and trademark registrations (collectively the "Trademark Properties") listed on Schedule A attached to this assignment, and

WHEREAS, Marconi Aerospace Electronic Systems Inc., a Corporation of the Commonwealth of Pennsylvania, having a place of business at 305 Richardson Road, Lansdale Pennsylvania 19446 (hereinafter referred to as "ASSIGNEE"), desires to acquire all right, title, and interest in and to the Patent Properties and the Trademark Properties, together with the goodwill of the business symbolized by the trademarks and the registrations therefor.

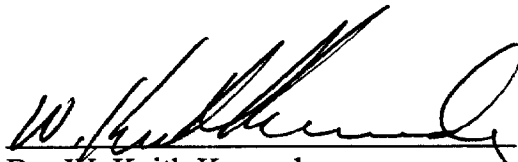
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound hereby, ASSIGNOR, effective January 14, 2000, sells, assigns, transfers, and conveys unto ASSIGNEE all of its right, title and interest in and to

- (1) the Patent Properties, and any and all letters patent and applications for letters patent which hereafter may be granted or made on the inventions embodied therein, including divisions, reissues, and continuations; the Patent Properties to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns, to the full end of the term or terms for which letters patent have been or may be granted, and all choses in action relating to the Patent Properties and all of ASSIGNOR's rights to damages, profits, and costs, both in equity and law, due or accrued, arising out of past infringements of the Patent Properties and any letters patent thereon, and all accrued royalties due thereunder, together with the right to sue for and recover the same; and
- (2) the Trademark Properties, including all choses in action relating to the Trademark Properties and all claims for damages, profits, and costs, both in equity and law, due or accrued, arising out of any past infringement or infringements of said Trademark Properties, together with the goodwill of the business symbolized by the Trademark Properties, and including the registrations therefor as set forth above.

FURTHER, ASSIGNOR hereby covenants, agrees, and undertakes to execute, whenever requested by ASSIGNEE all applications, assignments, lawful oaths, and all other papers which ASSIGNEE may reasonably deem necessary or desirable for securing to ASSIGNEE or maintaining for ASSIGNEE the Patent Properties and Trademark Properties hereby assigned, all without further compensation to ASSIGNOR.

Executed on this 13 day of January, 2000.

WATKINS-JOHNSON COMPANY


By: W. Keith Kennedy
Title: President and Chief Executive Officer

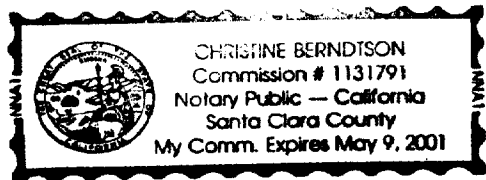
State of California)
) ss.
County of Santa Clara)

On this 13th day of January, in the year 2000, before me, Christine Berndtson, Notary Public of the State of California in the County of Santa Clara, personally appeared W. Keith Kennedy, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Christine Berndtson*

(Seal)



Executed on this 12th day of January, 2000

MARCONI AEROSPACE ELECTRONIC
SYSTEMS INC.

John A. Currier
By: John A. Currier
Title: Vice President and General Counsel

State of New York)
County of Broome) ss.

On this 12th day of January, in the year 2000, before me, Geoffrey H. Krauss, Notary Public of the State of New York in the County of Broome, personally appeared John A. Currier, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Geoffrey H. Krauss

GEOFFREY H. KRAUSS
Notary Public, State of New York
Residing in Broome County
Reg. No. 02KR6020468
My Commission Expires: March 1, 2001

SCHEDULE A

PATENTS

Title/Inventors	Serial No./ Filing Date	Patent No./ Issue Date	Foreign Countries
IMPROVED RECEIVER SENSITIVITY; TAYLOR	CLOSED		
PHASE LOCKING OSCILLATOR	08/091,615 07/14/93	5,341,110 08/23/94	
LOW PHASE NOISE REFERENCE OSCILLATOR; Nardi	P4424364.2 07/11/94	4424364 10/15/98	Germany
LOW PHASE NOISE REFERENCE OSCILLATOR; Nardi	9413275.0 07/01/94	2280554 03/18/98	U.K.
LOW PHASE NOISE REFERENCE OSCILLATOR; Nardi	6-161205 07/13/94		Japan
ARCHITECTURE FOR EFFICIENT INTERPOLATOR; Kline et al.	08/378,457 01/26/95	Abandoned in Favor of FWC 08/762,979	
ARCHITECTURE FOR EFFICIENT INTERPOLATOR; Kline et al.	08/762,979 12/10/96	Abandoned in Favor of FWC 08/903,713	
ARCHITECTURE FOR EFFICIENT INTERPOLATOR; Kline et al.	08/903,713 7/31/97	Abandoned	
ARCHITECTURE FOR EFFICIENT INTERPOLATOR; Kline et al.	96902734.1 01/22/96	Published 0812439	Europe
ARCHITECTURE FOR EFFICIENT INTERPOLATOR; Kline et al.	PCT/US96/00747 01/22/96	Closed	PCT
CELLULAR TELEPHONE LOCATING SYSTEM BASED ON TIME DIFFERENCE OF ARRIVAL (TDOA); Taylor	Closed		
SPREAD SPECTRUM BAND TRANSCEIVER; Rosas, Watson, Farinelli, Watson, Koenigsmark, Slaughter	08/716,859 09/19/96	5,974,081 10/26/99	
SPREAD SPECTRUM BAND TRANSCEIVER; Rosas, Watson, Farinelli, Watson, Koenigsmark, Slaughter	60/003,972 09/19/95	Closed in favor of 08/716,859	
MULTICARRIER POWER AMPLIFIER	Closed		
STRUCTURE AND METHOD FOR SUPER FET MIXER HAVING LOGIC-GATE GENERATED FET SQUARE-WAVE SWITCHING SIGNAL; Vice, Dexter, Dexter, Charles	09/017,455 02/01/98		

G-63687-9/AJT/MSS
1002757

4

Title/Inventors	Serial No./ Filing Date	Patent No./ Issue Date	Foreign Countries
STRUCTURE AND METHOD FOR SUPER FET MIXER HAVING LOGIC-GATE GENERATED FET SQUARE-WAVE SWITCHING SIGNAL; Vice, Dexter, Dexter, Charles	PCT/US99/01934 01/29/99	Closed	PCT
STRUCTURE AND METHOD FOR SUPER FET MIXER HAVING LOGIC-GATE GENERATED FET SQUARE-WAVE SWITCHING SIGNAL; Vice, Dexter, Dexter, Charles	23491/99 09/16/99		Australia
STRUCTURE AND METHOD FOR SUPER FET MIXER HAVING LOGIC-GATE GENERATED FET SQUARE-WAVE SWITCHING SIGNAL; Vice, Dexter, Dexter, Charles	2,285,557 09/23/99		Canada
STRUCTURE AND METHOD FOR SUPER FET MIXER HAVING LOGIC-GATE GENERATED FET SQUARE-WAVE SWITCHING SIGNAL; Vice, Dexter, Dexter, Charles	11-539551 01/29/99		Japan
STRUCTURE AND METHOD FOR SUPER FET MIXER HAVING LOGIC-GATE GENERATED FET SQUARE-WAVE SWITCHING SIGNAL; Vice, Dexter, Dexter, Charles	99903483.8 01/29/99		Europe
METHOD AND APPARATUS FOR EMITTER LOCATION; Nardi	09/090,302 06/03/98	5,977,912 11/02/99	
RADIO SYSTEM INCLUDING FET MIXER DEVICE AND SQUARE-WAVE DRIVE SWITCHING CIRCUIT AND METHOD THEREFOR; Vice, Michael, Dexter, Charles	09/016,629 02/01/98		
RADIO SYSTEM INCLUDING FET MIXER DEVICE AND SQUARE-WAVE DRIVE SWITCHING CIRCUIT AND METHOD THEREFOR; Vice, Michael, Dexter, Charles	PCT/US99/01986 01/29/99	Closed	PCT
RADIO SYSTEM INCLUDING FET MIXER DEVICE AND SQUARE-WAVE DRIVE SWITCHING CIRCUIT AND METHOD THEREFOR; Vice, Michael, Dexter, Charles	25686/99 09/16/99		Australia
RADIO SYSTEM INCLUDING FET MIXER DEVICE AND SQUARE-WAVE DRIVE SWITCHING CIRCUIT AND METHOD THEREFOR; Vice, Michael, Dexter, Charles	2,285,563 09/23/99		Canada
RADIO SYSTEM INCLUDING FET MIXER DEVICE AND SQUARE-WAVE DRIVE SWITCHING CIRCUIT AND METHOD THEREFOR; Vice, Michael, Dexter, Charles	11-539583 1/29/99		Japan

G-63687-9/AJT/MSS
1002757

5

Title/Inventors	Serial No./ Filing Date	Patent No./ Issue Date	Foreign Countries
RADIO SYSTEM INCLUDING FET MIXER DEVICE AND SQUARE-WAVE DRIVE SWITCHING CIRCUIT AND METHOD THEREFOR; Vice, Michael, Dexter, Charles	99905547.8 01/29/99		Europe

TRADEMARKS

Title/Inventors	Serial No./ Filing Date	Patent No./ Issue Date	Foreign Countries
MSC2	74/719,466 08/23/95	Abandoned per client ltr 01/19/98	
ANYBAND	75/447,285 03/10/98	Abandoned per client ltr 02/18/99	
AUTOBAND	75/447,498 03/10/98	Abandoned per client ltr 02/18/99	
FLEXBAND	75/447,985 03/10/98	Abandoned per client ltr 02/18/99	
MINICEPTOR	75/583,128 11/05/98		
MICROCEPTOR	75/583,110 11/05/98		
VXICEPTOR	75/583,127 11/05/98		

The following edits have been made to Marconi's Schedule A:

Item 3: filing date was corrected.

Item 12: patent number/issue date have been added.

Item 16: PCT application is now closed; Items 17-20 are new national phase applications based on the PCT.

Item 21: patent number/issue date have been added.

Item 23: PCT application is now closed; Items 24-27 are new national phase applications based on the PCT.

Item 28: Has been added.

G-63687-9/AJT/MSS
1002757

6