

8-2803

OMB No. 0651-0027 (exp 6/30/05)

09-10-2003



EET

102545604

To the Honorable Commissioner of Patents and Trademarks

attached original documents or copy thereof.

1. Name of conveying party(ies):
Darin N. Janoschka

2. Name and address of receiving party(ies):
Name: **EMS TECHNOLOGIES, INC.**
Address: 660 Engineering Drive
Norcross, Georgia 30092-2821

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

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

22366 U.S. PTO
10/652657



08/28/03

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other: _____
- Merger
- Change of Name

Execution Date: August 28, 2003

4(a). Patent Application No.(s): 10652657 4(b). Patent No.(s):

If this document is being filed together with a new application, the execution date of the application is: August 28, 2003
Additional numbers attached? Yes No

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

Name: **Michael J. Mehrman**

Address: MEHRMAN LAW OFFICE, P.C.
One Premier Plaza
5605 Glenridge Drive, Ste. 795 B
Atlanta, Georgia 30342

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41) **\$40**

- enclosed:
- Authorized to be charged to deposit account no. 50-2591

09/09/2003 6TON11 00000079 502591 10652657

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8. 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.

I certify that this correspondence is being deposited with the US Postal Service as first class mail on the below date, in an envelope addressed to: Director of the U.S. Patent & Trademark Office, PO Box 1450, Alexandria, Virginia, 22313-1450

Michael J. Mehrman Signature

08/28/2003
Date

Attorney Docket No: 8E07.1-070

Total number of pages including cover sheet: 4

Mail documents to be recorded with required cover sheet information to: Mail Stop: Assignments
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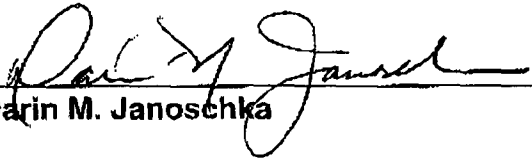
ASSIGNMENT OF INVENTION AND PATENT APPLICATION

WHEREAS, **Darin N. Janoschka**, having a post office address at 9865 N. Pond Circle, Roswell, Georgia 30076; (hereinafter referred to as ASSIGNOR) is the sole inventor of an invention entitled "**WIPER-TYPE PHASE SHIFTER WITH CANTILEVERS SHOE AND DUAL-POLARIZATION ANTENNA WITH COMMONLY DRIVEN PHASE SHIFTERS**" as described in the specification forming part of an application for United States letters patent;

WHEREAS, **EMS TECHNOLOGIES, INC.** (hereinafter referred to as ASSIGNEE), a corporation of the State of Georgia, having a place of business at 660 Engineering Drive, Norcross, Georgia 30092-2821, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

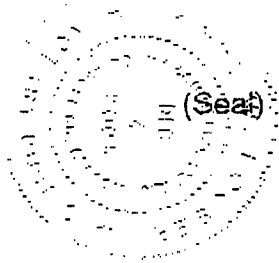
NOW, THEREFORE, in exchange for good and valuable consideration including compensation paid to ASSIGNOR as an employee of ASSIGNEE, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.


Signature:


Darin M. Janoschka

State of GEORGIA

Before me, a Notary Public in and for the State of Georgia, on this 28 day of August, 2003, personally appeared **Darin M. Janoschka**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.




NOTARY PUBLIC
My Commission Expires: 12/4/05