To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy ther  1. Name of conveying party(ies):     James K. Tillery  2. Name and address of receiving party(ies):     Name: _EMS Technologies, Inc.     Internal Address:  Additional name(s) of conveying party(ies) attached? _Yes _No  3. Nature of conveyance:     Assignment	(Rev. 03/01)  OMB No. 0651-0027 (exp. 5/31/2002)  Tab settings	· ************************************	388823	U.S. DEPARTMENT OF CO U.S. Patent and Trader
Name: EMS Technologies, Inc. Internal Address:  Additional name(s) of conveying party(es) attached? Yes \( \bigcup \) No  3. Nature of conveyance:  Assignment		ner of Patents and Trademan	ks: Please record the attached of	······································
3. Nature of conveyance:  Assignment		3-10-03	Name: EMS Tech	nologies, Inc.
Assignment Merger Security Agreement Change of Name Other City: Norcross State: GA Zip: 300 Additional name(s) & address(es) attached? Yes  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) 10/289,888 B. Patent No.(s)  Additional numbers attached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed: Name: Charles A Rattner, Esq. Internal Address: Street Address: 240 Wardwell Street #7  DO NOT USE THIS SPACE  9. Signature.  March 5, 2002  March 5, 2002  March 5, 2002  March 5, 2002  Date	Additional name(s) of conveying party(	es) attached? Yes 🗸 N	o	1,.
City: Norcross State: GA Zip: 300 Additional name(s) & address(es) attached? Yes  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) 10/289,888  B. Patent No.(s)  Additional numbers attached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Charles A Rattner, Esq.  Internal Address:  Street Address: 240 Wardwell Street #7  City: Stamford State: CT Zip: 06902  DO NOT USE THIS SPACE  9. Signature.  March 5, 2002  Name of Person Signing Signature Date	Assignment Security Agreement	Change of Name	Street Address: 66	₹.
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) 10/289,888  B. Patent No.(s)   Additional numbers attached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Charles A Rattner, Esq.  Internal Address: Enclosed  Internal Address: Authorized to be charged to deposit account number:  Street Address: 240 Wardwell Street #7  City: Stamford State: CT Zip: 06902  DO NOT USE THIS SPACE  9. Signature.  March 5, 2002  Name of Person Signing Signature Date	Culei		_	State:_GA_Zip:_3009
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Street Address: 240 Wardwell Street #7  City: Stamford State: CT Zip: 06902  DO NOT USE THIS SPACE  9. Signature.  Charles A Rattner, Esq. March 5, 2002  Name of Person Signing Signature Date	concerning document should Name: Charles A Rattner, Esc	o whom correspondenc be mailed: વ	7. Total fee (37 CFR 3	
DO NOT USE THIS SPACE  9. Signature.  Charles A Rattner, Esq.  Name of Person Signing  Date	concerning document should Name: Charles A Rattner, Esc	o whom correspondenc be mailed: વ	7. Total fee (37 CFR 3	3.41)\$4
9. Signature.  Charles A Rattner, Esq.  Name of Person Signing  Signature  March 5, 2002  Date	concerning document should Name:Charles A Rattner, Esc Internal Address:	o whom correspondenc be mailed: વ	7. Total fee (37 CFR 3 Enclosed Authorized to be 8. Deposit account no	3.41)\$\$
Charles A Rattner, Esq.  Name of Person Signing  March 5, 2002  Date	concerning document should Name: Charles A Rattner, Esc Internal Address: 240 Wardwell	Street #7	7. Total fee (37 CFR 37 Enclosed  Authorized to be 8. Deposit account not 50-2396	3.41)\$\$
Total number of pages including cover sheet, attachments, and documents:	concerning document should Name:Charles A Rattner, Esc Internal Address:  Street Address:240 Wardwell   City:_StamfordState:_C1	Street #7	7. Total fee (37 CFR 37 Enclosed  Authorized to be 8. Deposit account not 50-2396	3.41)\$\$

**PATENT** 

REEL: 013829 FRAME: 0232

**ASSIGNMENT** 

WHEREAS, I, James K. Tillery, a citizen of the United States of America,

residing at 1032 Camden Lane, Woodstock, GA 30189, have invented certain inventions and

improvements disclosed in an application for Letters Patent entitled "Linearly-Polarized Dual-

Band Base-Station Antenna", filed in the United States Patent and Trademark Office on

November 6, 2002, and assigned U.S. Serial No. 10/289,888; and

WHEREAS, EMS Technologies, Inc., a corporation of the State of Georgia

having a principal place of business at 660 Engineering Drive, Norcross, GA 30092, is desirous

of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and

sufficiency of which I hereby acknowledge, I, James K. Tillery, by these presents do sell, assign

and transfer unto EMS Technologies, Inc., the full, exclusive and entire right, title, and interest

in and to said application, in and to any divisions, continuations, and reissues thereof, and in and

to all inventions and improvements disclosed and described in said application, preparatory to

obtaining Letters Patent of the United States therefor; and I hereby request the Director of the

U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States

resulting from said application, or from a division, continuation, or reissue thereof, to EMS

Technologies, Inc. as the assignee, for its interest and for the sole use and benefit of EMS

Technologies, Inc. and its assigns and legal representatives;

For the same consideration, I, by these presents do sell, assign, and transfer to

EMS Technologies, Inc., the full, exclusive, and entire right, title and interest in and to any

foreign application or applications corresponding to said application, in whole or in part, in

countries other than the United States, in and to any Letters Patent and similar protective rights

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**REEL: 013829 FRAME: 0233** 

Serial No. 10/226,641

granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **EMS Technologies, Inc.**, or its designee insofar as permitted by applicable law.

AND, for the same consideration, I agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **EMS Technologies, Inc.**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

James K. Tillery

STATE OF GEORGIA

Before me, a Notary Public in and for the State of Georgia, on this <u>day</u> of <u>Felwary</u>, 2002, personally appeared **James K. Tillery**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)

NOTARY PUBLIC

My Commission Expires:

12/4/06

PTO/SB/21 (01-03)

Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	Application Number	10/289,888				
TRANSMITTAL	Filing Date	6-NOV-2002				
FORM	First Named Inventor	Tillery, James				
(to be used for all correspondence after initial	Art Unit	2821				
	Examiner Name					
Total Number of Pages in This Submission	5 Attorney Docket Number	1178UC02				
	ENCLOSURES (Check all th	nat apply)				
Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts  under 37 CFR 1.52 or 1.53	Drawing(s)  Licensing-related Papers  Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Ad Terminal Disclaimer Request for Refund CD, Number of CD(s)  Remarks  Credit Card Payment Form; Assignment	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below):				
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
Firm or Individual Signature  March 5, 2002						
	ERTIFICATE OF TRANSMISSIC	NAVA A IL INIC				
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:  March 5, 2002						
Typed or printed Charles A Rattner, Esq.						
Signature Date March 5, 2002						

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO:** Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

**PATENT** REEL: 013829 FRAME: 0235