



To the Honorable Commissioner of I

102267942

attached original documents or copy thereof.

1. Name of conveying party(ies):

Joseph V. DeNichols and Randall C. Gray

10.29.02

2. Name and address of receiving party(ies)

Name: Motorola, Inc.

Internal Address:

Street Address: 1302 East Algonquin Road, 3<sup>rd</sup> Floor

City: Schaumburg State: IL Zip: 60196

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: 8/7/2002

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 date is: 8/7/2002

A. Patent Application No.(s) 10/215582

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Tyson Y. Winarski

Internal Address: Steptoe & Johnson LLP

Street Address: 201 East Washington Street, Suite 1600

City: Phoenix State: AZ Zip: 85004

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) ..... \$40.00

Fee already paid with filing fee (see application transmittal)

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Signature.

Tyson Y. Winarski  
Name of Person Signing

Signature

October 29, 2002  
Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

08/09/02  
100 U.S. PTO

08-18-2002  
102192226

65-12-02  
ICATION TRANSMITTAL  
Attorney Docket No. 87845.0005  
ations Under 37 CFR § 1.53(b))

JC971 U.S. PTO  
10/215582  
08/09/02

102192226 THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is the patent application of ( ) application identifier or (X) first named inventor, DeNicholas et al., entitled OPEN LOOP INDUCTOR CURRENT CONTROL SYSTEM AND METHOD, for a(n):

- (X) Original Patent Application. 89.02
- ( ) Continuing Application (prior application not abandoned):
  - ( ) Continuation ( ) Divisional ( ) Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ Filed on: \_\_\_\_\_
  - ( ) A statement claiming priority under 35 USC § 120 has been added to the specification.

Enclosed are:

- (X) Specification; 23 Total Pages. (X) Drawing(s); 3 Total Sheets.
- (X) Oath or Declaration:
  - (X) A Newly Executed Combined Declaration and Power of Attorney:
    - (X) Signed. ( ) Unsigned. ( ) Partially Signed.
  - ( ) A Copy from a Prior Application for Continuation/Divisional (37 CFR § 1.63(d)).
    - ( ) Incorporation by Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated herein by reference.
    - ( ) Signed Statement Deleting Inventor(s) Named in the Prior Application. (37 CFR § 163(d)(2)).
  - ( ) Power of Attorney. (X) Return Receipt Postcard.
  - ( ) Associate Power of Attorney. (X) A Check in the amount of \$966.00 for the Filing Fee.
  - ( ) Preliminary Amendment. (X) Information Disclosure Statement and Form PTO-1449.
  - ( ) A Duplicate Copy of this Form for Processing Fee Against Deposit Account.
  - ( ) A Certified Copy of Priority Documents (if foreign priority is claimed).
  - ( ) Statement(s) of Status as a Small Entity.
  - ( ) Statement(s) of Status as a Small Entity Filed in Prior Application, Status Still Proper and Desired.
  - (X) Other: Assignment

10/215582

CLAIMS AS FILED				
FOR	NO. FILED	NO. EXTRA	RATE	FEE
Total Claims	21	1	\$18.00	\$18.00
Independent Claims	5	2	\$84.00	\$168.00
Multiple Dependent Claims (if applicable)				\$0.00
Assignment Recording Fee				\$30.00
Basic Filing Fee				\$740.00
Total Filing Fee				\$966.00

Charge any additional amount necessary to cover the appropriate USPTO fees to Deposit Account **502365** pursuant to 37 CFR § 1.25. At any time during the pendency of this application, please charge any fees required or credit any overpayment to this Deposit Account.

Respectfully submitted,  
By: Tyson Winarski  
Tyson Winarski, Attorney of Record, Reg. No. 41381

Date: August 9, 2002

Correspondence Address:  
Tyson York Winarski  
Stephoe and Johnson, LLP  
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Phone: (602) 257-5298  
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I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

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By: Tyson Winarski  
Typed Name: Tyson Winarski

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Date of Deposit: August 9, 2002

The PTO did not receive the following listed item(s): Assignment  
Cover sheet

40.00 DP  
08/13/2002 WMS/AM 00000012 10215582  
04 FC:581

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **JOSEPH V DeNICHOLAS, CHANDLER, ARIZONA, and RANDALL C GRAY, TEMPE, ARIZONA**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **MOTOROLA, INC.**, a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **OPEN LOOP INDUCTOR CURRENT CONTROL SYSTEM AND METHOD** (Docket No. **SC12035ZC**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto **MOTOROLA, INC.**, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize **MOTOROLA, INC.** to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to **MOTOROLA, INC.**, for the sole use and benefit of **MOTOROLA, INC.**, its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to **MOTOROLA, INC.**

We agree that, when requested, we will, without charge to **MOTOROLA, INC.**, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in **MOTOROLA, INC.**, its successors, assigns and legal representatives or nominees.



Randall C Gray  
RANDALL C GRAY

DATE: 8 - 7-02

STATE OF ARIZONA )  
                                  )  
COUNTY OF MARICOPA )

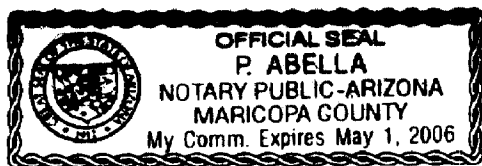
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **RANDALL C GRAY** whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 7<sup>th</sup> day of Aug, 2002.

My commission expires: 5/01/06

P. Abella  
Notary Public Signature

P. ABELLA  
Printed Name of Notary Public

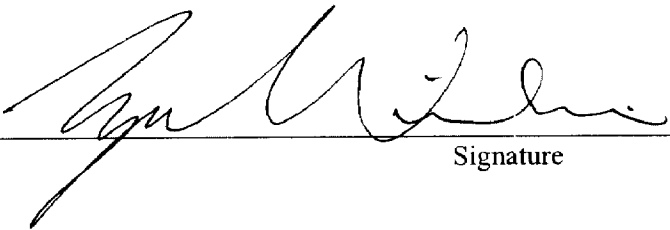


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on October 29, 2002  
Date

  
Signature

Tyson Y. Winarski  
Typed or printed name of person of Signing Certificate

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