Form PTO-1595 (Rev. 07/05)	28 - 2005 DEPARTMENT OF COMMERC
OMB No. 0651-0027 (exp. 6/30/2008)	d States Patent and Trademark C
	03091149
	se record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Toby ARCHULETA Michael D. METCALF	Name: EMERSON ELECTRIC CO.
	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes Mo	
3. Nature of conveyance/Execution Date(s):	Street Address: 8000 West Florissant Avenue City: ST. LOUIS
Execution Date(s) September 12, 2005	
Assignment Merger	
Security Agreement Change of Name	City: ST. LOUIS
Joint Research Agreement	State: MO
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: USA Zip: 63136
A. Patent Application No.(s)	Additional name(s) & address(es) attached? Yes document is being filed together with a new applicati B. Patent No.(s)
4. Application or patent number(s):	document is being filed together with a new applicati B. Patent No.(s) tached? Yes No
4. Application or patent number(s):	document is being filed together with a new applicati B. Patent No.(s)
4. Application or patent number(s): This A. Patent Application No.(s) Additional numbers at 5. Name and address to whom correspondence	document is being filed together with a new application. B. Patent No.(s) ttached? Yes No 6. Total number of applications and patents
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed:	document is being filed together with a new application. B. Patent No.(s) ttached? Yes No 6. Total number of applications and patents involved: 1
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: _D. BRIT NELSON	document is being filed together with a new applicat B. Patent No.(s) ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: D. BRIT NELSON	document is being filed together with a new applicat B. Patent No.(s) ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: D. BRIT NELSON Internal Address:	document is being filed together with a new applicat B. Patent No.(s) ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: D. BRIT NELSON Internal Address:	document is being filed together with a new applicat B. Patent No.(s) ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting to the second to t
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: _D. BRIT NELSON Internal Address:	document is being filed together with a new applicat B. Patent No.(s) ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting to the second to th
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers at the street of the street	document is being filed together with a new applicat B. Patent No.(s) tached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: _D. BRIT NELSON Internal Address: Street Address: _600 Travis Street, Suite 3400 City: _Houston State: _TXZip:_77002	document is being filed together with a new applicate B. Patent No.(s) ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: D. BRIT NELSON Internal Address: Street Address: 600 Travis Street, Suite 3400 City: Houston State: TX Zip: 77002 Phone Number: 713-226-1361	document is being filed together with a new applicat B. Patent No.(s) tached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers at the state of the sta	document is being filed together with a new applicate B. Patent No.(s) 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 12-1322 Authorized User Name D. BRIT NELSON
A. Application or patent number(s): A. Patent Application No.(s) Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: D. BRIT NELSON Internal Address: Street Address: 600 Travis Street, Suite 3400 City: Houston State: TX Zip: 77002 Phone Number: 713-226-1361 Fax Number: 713-223-3717 Email Address: bnelson@lockeliddell.com 9. Signature:	document is being filed together with a new application. B. Patent No.(s) 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ _40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 12-1322
A. Application or patent number(s): A. Patent Application No.(s) Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: D. BRIT NELSON Internal Address: Street Address: 600 Travis Street, Suite 3400 City: Houston State: TX Zip: 77002 Phone Number: 713-226-1361 Fax Number: 713-223-3717 Email Address: bnelson@lockeliddell.com 9. Signature:	document is being filed together with a new application. B. Patent No.(s) 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 12-1322 Authorized User Name D. BRIT NELSON

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Emerson Electric Co. (the "Assignee"), having a place of business at 8000 West Florissant Avenue, St. Louis, Missouri 63136, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and is entitled "EXTRA WIDE JAW ARC JOINT PLIERS" (attorney docket number shown above), such applications and all divisional, continuing, continuation in part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

HOUSTON: 021864.066US: 1035002v1

PATENT REEL: 017022 FRAME: 0101 TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:

TOBY ARCHULETA

Date: 9-12-05

MICHAEL D. METCALF

Date: 9-12-05

STATE OF COLORADO 8

COUNTY OF LE COLORADO §

BEFORE ME, the undersigned authority, on this day personally appeared **TOBY ARCHULETA**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this $\angle 2$ day of September 2005.

Notary Public

[SEAL]

HOUSTON: 021864.066US: 1035002v1



BEFORE ME, the undersigned authority, on this day personally appeared MICHAEL D. METCALF, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this /2 day of September 2005.

Notary Public

[SEAL]

HOUSTON: 021864.066US: 1035002v1

RECORDED: 09/20/2005

PATENT REEL: 017022 FRAME: 0103