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OMB No. 065-0011 (exp. 4/94)

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To The Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

<p>1. Name of conveying party(ies):</p> <p>Frank M. Fago, Charles Neer <i>18-02-02</i></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>3. Name and address of receiving party(ies):</p> <p>Name: <u>MALLINCKRODT INC.</u></p> <p>Internal Address: _____</p> <p>Mailing Address: <u>675 McDonnell Boulevard, St. Louis, Missouri 63134</u></p> <p>Country: <u>U.S.A.</u></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>2. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input checked="" type="checkbox"/> Other <u>Declaration, Power of Attorney and Petition</u></p> <p>Execution Date: <u>July 31, 2002</u></p>	<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: <u>July 31, 2002</u></p> <p>A. Patent Application No(s). _____ B. Patent No(s). _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

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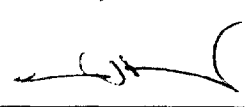
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Thomas W. Humphrey, Esq.</u></p> <p>Internal Address: <u>Wood, Herron &amp; Evans, L.L.P.</u> <u>2700 Carew Tower</u></p> <p>Street Address: <u>441 Vine Street</u></p> <p>City: <u>Cincinnati</u> State: <u>Ohio</u> Zip: <u>45202</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 33.41): <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account if deficiencies occur</p> <p>8. Deposit Account number: <u>23-3000</u> (Attach duplicate copy of this page is paying by deposit account)</p>
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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.*

Thomas W. Humphrey (Reg. No. 34,353)  August 2, 2002

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 6

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

PATENT

REEL: 013172 FRAME: 0036

## ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, we, Frank M. Fago, Charles Neer, hereby assign to MALLINCKRODT INC., a Corporation of Delaware and having a place of business at 675 McDonnell Boulevard, St. Louis, Missouri 63134, and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of our application for United States Patent executed on even date herewith, entitled INJECTOR this assignment including said application, any continuation, division or continuation-in-part thereof and/or substitute therefor, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Cincinnati, Ohio,  
this 31 day of July, 2002

Frank M. Fago L.S.  
Frank M. Fago

STATE OF Ohio :  
:ss.  
COUNTY OF Hamilton :

Before me this 31 day of July, 2002, personally appeared Frank M. Fago, a citizen of U.S.A. residing in Mason, Ohio and particularly at 4508 Estate Court, Mason, Ohio 45040, known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that s/he executed the same as his free act and deed for the purposes therein contained.

Barbara R. Hummeldorf  
Notary Public

**BARBARA R. HUMMELDORF**  
Notary Public, State of Ohio  
My Commission Expires Apr. 3, 2006

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Cincinnati Ohio,  
this 31 day of July, 2002

Charles S. Neer L.S.  
Charles Neer

STATE OF Ohio :  
:ss.  
COUNTY OF Hamilton :

Before me this 31 day of July, 2002, personally appeared Charles Neer, a citizen of U.S.A. residing in Cincinnati, Ohio and particularly at 621 Mehring Way, #1509, Cincinnati, Ohio 45202, known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that s/he executed the same as his free act and deed for the purposes therein contained.

Barbara R. Hummeldorf  
Notary Public

**BARBARA R. HUMMELDORF**  
Notary Public, State of Ohio  
My Commission Expires Apr. 3, 2006

My Commission Expires:

[Notary's Seal Here]