

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Gerald Magera	02/23/2011
William Mackie	02/23/2011
Larry Southall	02/24/2011
Gary Cabe	02/24/2011
Cory Fast	02/24/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Applied Physics Technologies, Inc.
<b>Street Address:</b>	1600 NE Miller Street
<b>City:</b>	McMinnville
<b>State/Country:</b>	OREGON
<b>Postal Code:</b>	97128
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13035707
<b>CORRESPONDENCE DATA</b>	
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<b>Address Line 4:</b>	Portland, OREGON 97204-1268
<b>ATTORNEY DOCKET NUMBER:</b>	64001/4
<b>NAME OF SUBMITTER:</b>	Paul S. Angello

OP \$40.00 13035707

Total Attachments: 2  
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## ASSIGNMENT

WHEREAS Gerald Magera, of Hillsboro, County of Washington, State of Oregon, William Mackie, of McMinnville, County of Yamhill, State of Oregon, Larry Southall, of McMinnville, County of Yamhill, State of Oregon, and Gary Cabe, of McMinnville, County of Yamhill, State of Oregon (“ASSIGNOR”), have made inventions described in a United States patent application entitled PRE-ALIGNED THERMIONIC EMISSION ASSEMBLY, assigned Attorney Docket No. 64001/4:2; and

WHEREAS, Applied Physics Technologies, Inc., an Oregon corporation, having a place of business at 1600 NE Miller Street, McMinnville, Oregon 97128 (“ASSIGNEE”), is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, hereby sells, assigns, and transfers to ASSIGNEE the full and exclusive right, title, and interest in and to said inventions, said patent application, and any and all patent rights and letters patent for said inventions in the United States of America and elsewhere throughout the world, including provisional rights, foreign patent priority rights, and the right to apply for patents in foreign countries in ASSIGNOR’s name or in the name of ASSIGNEE and further including all divisions and continuations of said application and of any foreign patent applications, and all reissues and extensions of patent rights and letters patent for said inventions, all to be held and enjoyed by ASSIGNEE for its own use and benefit, and by its successors and assigns for their own use and benefit, for the full duration of the terms for which patent rights and letters patent may be granted in this or any foreign country, and covenants that ASSIGNOR has full right so to do, and agrees that ASSIGNOR will communicate to ASSIGNEE and its successors and assigns, any facts known to ASSIGNOR respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all lawful divisional, continuation, and reissue applications, make all rightful declarations or oaths, and do everything lawfully possible to aid ASSIGNEE and its successors and assigns, to obtain and enforce proper patent protection for said inventions in the United States of America and elsewhere throughout the world.

Executed at McMinnville, State of Oregon, this 23 day of February, 2011.

Gerald M. Magera  
Gerald Magera

Executed at McMinnville, State of Oregon, this 23 day of Feb., 2011.

William Mackie  
William Mackie

Executed at McMinnville, State of Oregon, this 24 day of Feb, 2011.

Larry Southall  
Larry Southall

Executed at McMinnville, State of Oregon, this 24 day of Feb., 2011.

Gary L. Cabe  
Gary Cabe

Executed at McMinnville, State of Oregon, this 24 day of Feb, 2011.

Cory Fast  
Cory Fast

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Attorney Docket No.: 64001/4:2