

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ASM NuTool, Inc.	12/04/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NOVELLUS SYSTEMS, INC.
<b>Street Address:</b>	3970 North First Street
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95134
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12785976
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)760-9502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	9497600404
<b>Email:</b>	efiling@kmob.com
<b>Correspondent Name:</b>	Adam Gilbert
<b>Address Line 1:</b>	2040 Main Street, 14th Floor
<b>Address Line 4:</b>	Irvine, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	NVLUS.95CPCPCDC
<b>NAME OF SUBMITTER:</b>	Adam Gilbert
<b>Total Attachments: 12</b> source=NVLUS-95CPCPCDC_Assignment-ASM_Nutool_to_Novellus#page1.tif source=NVLUS-95CPCPCDC_Assignment-ASM_Nutool_to_Novellus#page2.tif source=NVLUS-95CPCPCDC_Assignment-ASM_Nutool_to_Novellus#page3.tif source=NVLUS-95CPCPCDC_Assignment-ASM_Nutool_to_Novellus#page4.tif source=NVLUS-95CPCPCDC_Assignment-ASM_Nutool_to_Novellus#page5.tif	

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**PATENT  
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source=NVLUS-95CPCPCDC\_Assignment-ASM\_Nutool\_to\_Novellus#page11.tif  
source=NVLUS-95CPCPCDC\_Assignment-ASM\_Nutool\_to\_Novellus#page12.tif

**ASSIGNMENT**

THIS ASSIGNMENT (this "Assignment") is entered into effective as of December 4, 2006, by the undersigned assignor ("Assignor"), in favor of Novellus Systems, Inc., as assignee ("Assignee"), with reference to the following facts and circumstances:

WHEREAS, Assignor desires to transfer all of its right, title and interest in and to the Intellectual Property identified on the attached Schedule I to Assignee.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor, hereby sells, assigns and transfers to Assignee all rights, title and interest, including without limitation, all intellectual property rights, arising out of or subsisting in the Intellectual Property, whether registered and unregistered, and all renewals, extensions and derivative works thereof or therefrom, and further including any and all claims and demands it may have either in law or equity arising out of any past or future infringement of said Intellectual Property. This Assignment shall not waive, limit or modify any other agreement between Assignor and Assignee with respect to the subject matter hercof.

IN WITNESS WHEREOF, Assignor has executed this Assignment below.

**ASSIGNOR:**

ASM Mutual Inc.  
By: [Signature]  
Title: General Manager

*Acknowledged and Agreed:*

**ASSIGNEE:**

NOVELLUS SYSTEMS, INC.  
By: [Signature]  
Title: EVPCFO

SCHEDULE 1 — NVLUS.000GEN

KMOB CLIENT CODE	US APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
NVLUS.001CP1	10/427309	April 30, 2003	6866763	March 15, 2005
NVLUS.001A	10/769605	January 30, 2004		
NVLUS.004CP1	09/919788	July 31, 2001	6858121	February 22, 2005
NVLUS.005A	10/358565	February 4, 2003	6861354	March 1, 2005
NVLUS.005CP1	10/858766	June 1, 2004	7129165	October 31, 2006
NVLUS.007A	09/841622	April 23, 2001	6852630	February 8, 2005
NVLUS.007DV1	11/054053	February 8, 2005		
NVLUS.008A	10/199924	July 19, 2002	6736929	May 18, 2004
NVLUS.008CP1	10/697199	October 31, 2003		
NVLUS.009A	10/282976	October 28, 2002	6815354	November 9, 2004
NVLUS.010A	10/637731	August 8, 2003		
NVLUS.011CP1	10/427309	April 30, 2003	6866763	March 15, 2005
NVLUS.011CPCP1	10/744294	December 22, 2003		
NVLUS.012C1	10/614311	July 7, 2003	6908368	June 21, 2005
NVLUS.012C1CP1	10/632481	August 1, 2003	6939203	September 6, 2005
NVLUS.013C1	10/654542	September 2, 2003		

KMOB CLIENT CODE	US APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
NVLUS.014A	09/285621	April 3, 1999	6328872	December 11, 2001
NVLUS.014DV1C1	10/946703	September 21, 2004		
NVLUS.014DV1	09/941360	August 28, 2001	6797132	September 28, 2004
NVLUS.015CP1	10/265460	October 3, 2002	6852208	February 8, 2005
NVLUS.015CP1C1	10/947628	September 21, 2004		
NVLUS.016A	10/698872	October 31, 2003		
NVLUS.017CP1	10/379265	March 3, 2003	6943112	September 13, 2005
NVLUS.018A	10/692953	October 24, 2003		
NVLUS.019A	10/638751	August 11, 2003		
NVLUS.020A	10/698878	October 31, 2003		
NVLUS.021A	10/886105	July 6, 2004		
NVLUS.023A	10/425782	April 29, 2003		
NVLUS.023CP1	10/772687	February 5, 2004		
NVLUS.024CP1	10/902241	July 29, 2004		
NVLUS.025A	10/719909	November 21, 2003	7064057	June 20, 2006
NVLUS.026A	10/692952	October 24, 2003	7045040	May 16, 2006
NVLUS.026DV1	11/436206	May 16, 2006		

KMOB CLIENT CODE	US APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
NVLUS.027DVCP1	10705360	November 10, 2003		
NVLUS.028CP1	10723045	November 26, 2003		
NVLUS.029CP2	10391924	March 18, 2003		
NVLUS.029CP1	10822424	April 12, 2004		
NVLUS.030A	10876859	June 24, 2004		
NVLUS.031CP1	10782697	February 18, 2004		
NVLUS.032A	10761877	January 21, 2004		
NVLUS.033CP1	10197090	July 15, 2002	6722946	April 20, 2004
NVLUS.033CP1C1	10817784	April 2, 2004	7097538	August 29, 2006
NVLUS.035CP1	10830894	April 23, 2004		
NVLUS.036CP1	10676895	September 30, 2003		
NVLUS.037A	09685934	October 11, 2000	6497800	December 24, 2002
NVLUS.037C1	10302213	November 22, 2002		
NVLUS.037C1C1	10459323	June 10, 2003		
NVLUS.037C1C2	10459320	June 10, 2003		
NVLUS.037C1C3	10459321	June 10, 2003		
NVLUS.037C5	10826219	April 16, 2004		

KMOB CLIENT CODE	US APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
NVLUS.037C6	11/123268	May 5, 2005		
NVLUS.038A	09/483095	January 14, 2000	6630059	October 7, 2003
NVLUS.038DVC1C	11/445594	June 1, 2006		
NVLUS.038DV1C1	10/744293	December 22, 2003		
NVLUS.038DV1	09/976972	October 11, 2001	6666959	December 23, 2003
NVLUS.039A	11/238886	September 27, 2005		
NVLUS.040CP1	10/264726	October 3, 2002		
NVLUS.040CP2	10/369118	February 18, 2003	7059944	June 13, 2006
NVLUS.40CP2C1	11/452609	June 13, 2006		
NVLUS.040CP4	10/703293	November 7, 2003		
NVLUS.040CP3	10/818976	April 6, 2004		
NVLUS.041A	09/544558	April 6, 2000	6354916	March 12, 2002
NVLUS.042A	09/511278	February 23, 2000	6413388	July 2, 2002
NVLUS.042CP1	09/621969	July 21, 2000	6413403	July 2, 2002
NVLUS.042DV1	10/152793	May 23, 2002		
NVLUS.043DV1	11/343477	January 30, 2006		
NVLUS.044A	09/976469	October 12, 2001	6579800	June 17, 2003

KMOB CLIENT CODE	US APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
NVLUS.045A	11/011529	November 19, 2004		
NVLUS.047A	11/069202	February 28, 2005		
NVLUS.050A	10/984272	November 8, 2004		
NVLUS.051A	10/976534	October 28, 2004		
NVLUS.071A	11/283004	November 18, 2005		
NVLUS.072A	11/088324	March 23, 2005		
NVLUS.073A	09/201929	December 1, 1998	6176992	January 23, 2001
NVLUS.073DVC1	10/238665	September 9, 2002	6902659	June 7, 2005
NVLUS.073DVC2	10/292750	November 12, 2002		
NVLUS.073C1	09/738561	December 14, 2000	6402925	June 11, 2002
NVLUS.073DV1	09/607567	June 29, 2000	6676822	January 13, 2004
NVLUS.074A	09/201928	December 1, 1998	6103628	August 15, 2000
NVLUS.074C1	09/576064	May 22, 2000	6207572	March 27, 2001
NVLUS.074C1CP	09/684059	October 6, 2000	6468139	October 22, 2002
NVLUS.075A	09/283024	March 30, 1999	6251235	June 26, 2001
NVLUS.075DVC1	10/093185	March 5, 2002	6958114	October 25, 2005
NVLUS.075DVC1C	11/259694	October 25, 2005		



KMOB CLIENT CODE	US APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
NVLUS.075DV1	09/877335	June 7, 2001	6471847	October 29, 2002
NVLUS.076A	09/466014	December 17, 1999	6352623	March 5, 2002
NVLUS.076DV1C	11/288948	November 28, 2005		
NVLUS.076DV1	10/041029	December 28, 2001	6969456	November 29, 2005
NVLUS.076DV2	10/041058	December 28, 2001	6884334	April 26, 2005
NVLUS.077A	09/351868	July 12, 1999	6692588	February 17, 2004
NVLUS.078CPCP	09/373681	August 13, 1999	6409904	June 25, 2002
NVLUS.078CPCPDV	10/165673	June 6, 2002	6837979	January 4, 2005
NVLUS.079A	09/398258	September 17, 1999	6355153	March 12, 2002
NVLUS.079DV1C1	10/407892	April 4, 2003		
NVLUS.079DV1C1C	11/295014	December 6, 2005		
NVLUS.079DV1	09/905335	July 13, 2001	6905588	June 14, 2005
NVLUS.080A	09/534704	March 24, 2000	6582579	June 24, 2003
NVLUS.080C1	10/425783	April 29, 2003		
NVLUS.081A	09/740701	December 18, 2000	6534116	March 18, 2003
NVLUS.081DV1C2	11/436857	May 17, 2006		
NVLUS.081DV1	10/358925	February 4, 2003		

KMOB CLIENT CODE	US APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
NVLUS.081DV1C1	11/200767	August 9, 2005		
NVLUS.082A	09/969531	October 1, 2001	6649523	November 18, 2003
NVLUS.082DV1	10/716116	November 18, 2003		
NVLUS.083CP1	10/282930	October 28, 2002		
NVLUS.083CP2	10/292911	October 28, 2002		
NVLUS.083CP3	10/283025	October 28, 2002		
NVLUS.084A	09/760757	January 17, 2001	6610190	August 26, 2003
NVLUS.084C1	10/460032	June 11, 2003	6942780	September 13, 2005
NVLUS.084C1C1	11/225913	September 13, 2005		
NVLUS.085A	09/795687	February 27, 2001	6953392	October 11, 2005
NVLUS.085C1	11/249917	October 11, 2005		
NVLUS.086A	10/043656	January 8, 2002	6716084	April 6, 2004
NVLUS.088A	09/960236	September 20, 2001		
NVLUS.089A	10/051755	January 15, 2002	6777338	August 17, 2004
NVLUS.089C1	10/920028	August 16, 2004	7122473	October 17, 2006
NVLUS.090A	09/982558	October 17, 2001	6932896	August 23, 2005
NVLUS.090DV1	11/057297	February 10, 2005		

KMOB CLIENT CODE	US APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
NVLUS.091A	10/117991	April 5, 2002	6821409	November 23, 2004
NVLUS.091C1	10/996165	November 22, 2004		
NVLUS.092A	09/910686	July 20, 2001	6855037	February 15, 2005
NVLUS.092C1	10/788926	February 25, 2004	6988932	January 24, 2006
NVLUS.094A	10/201604	July 22, 2002	6946066	September 20, 2005
NVLUS.094C1	11/232026	September 20, 2005		
NVLUS.095CPCP	09/961193	September 20, 2001	6921551	July 26, 2005
NVLUS.096A	10/155828	May 23, 2002		
NVLUS.097A	10/107494	December 7, 2001	6936154	August 30, 2005
NVLUS.099A	10/032219	December 21, 2001	6780772	August 24, 2004
NVLUS.101CPCP	10/052475	January 17, 2002	6908374	June 21, 2005
NVLUS.102A	10/032318	December 21, 2001	6833063	December 21, 2004
NVLUS.103A	10/383466	March 6, 2003	7101471	September 5, 2006
NVLUS.105A	10/122646	April 12, 2002	6967166	November 22, 2005
NVLUS.105DV1	11/280540	November 15, 2005		
NVLUS.108A	10/105016	March 22, 2002	6926589	August 9, 2005
NVLUS.109CPPP	10/126464	April 18, 2002	6589105	July 8, 2003

KMOB CLIENT CODE	US APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
NVLUS.110CP1	10/327609	December 20, 2002	7029567	April 18, 2006
NVLUS.111A	10/126469	April 18, 2002	6634935	October 21, 2003
NVLUS.112A	10/201606	July 22, 2002	6867136	March 15, 2005
NVLUS.112DV1	10/996164	November 22, 2004	7115510	October 3, 2006
NVLUS.114CP1	10/159295	May 31, 2002	6939206	September 6, 2005
NVLUS.116A	10/367111	February 14, 2003		
NVLUS.117A	10/637243	August 7, 2003		
NVLUS.122A	09/472523	December 27, 1999	6612915	September 2, 2003
NVLUS.123A	09/568584	May 11, 2000	6478936	November 12, 2002
NVLUS.123C1	10/914490	August 10, 2004		
NVLUS.123C2	10/251377	September 20, 2002	6773576	August 10, 2004
NVLUS.124C1	10/663318	June 16, 2003	6974769	December 13, 2005
NVLUS.124C1C1	11/302565	December 12, 2005		
NVLUS.125A	09/735546	December 14, 2000	6482307	November 19, 2002
NVLUS.126A	09/855059	May 15, 2001	6802946	October 12, 2004
NVLUS.126C1	10/869850	June 18, 2004		
NVLUS.130A	09/845262	May 1, 2001	6695962	February 24, 2004

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NVLUS.130C1	10/784191	February 24, 2004		
NVLUS.132A	11/173233	July 1, 2005		
NVLUS.134A	11/351914	February 9, 2006		
NVLUS.137A	11/185591	July 19, 2005		
NVLUS.138A	11/447368	June 5, 2006		
NVLUS.139A	11/218385	September 2, 2005		
NVLUS.140A	11/232718	September 21, 2005		
NVLUS.141A	11/221060	September 6, 2005		
NVLUS.142A	11/237991	September 26, 2005		
NVLUS.144A	11/283112	November 17, 2005		
NVLUS.145A	11/313249	December 19, 2005		
NVLUS.146A	11/347669	February 3, 2006		
NVLUS.17CP1DV1	11/226511	September 13, 2005		
NVLUS.2DVC1P1	10/816340	March 31, 2004		
NVLUS.3CPC1P1	10/346425	January 17, 2003	6857947	February 22, 2005
NVLUS.3CPC1P1	10/321150	December 17, 2002	6942546	September 13, 2005
NVLUS.38DVC1C	11/445594	June 1, 2006		

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NVLUS.87PPDCP	10/302755	November 21, 2002		
NVLUS.93CCPCP	09/880730	June 12, 2001	6464571	October 15, 2002
NVLUS.93CCPCPC	10/252149	September 20, 2002	6604988	August 12, 2003
NVLUS.93CCPCP2	10/295197	November 15, 2002	6932679	August 23, 2005
NVLUS.95CPCPC1	11/190763	July 26, 2005		
NVLUS.98DVCPCP	10/288558	November 4, 2002	7097755	August 29, 2006

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