FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 04-19-2002



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Name (line 1)	/ladislav Vashchenko					4/10/02
Name (line 2)						Europution Bets
Second Party	Ann Concenne					Execution Date Month Day Year
	Ann Concannon					04/10/02
Name (line 2)						
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Name (line 1)	National Semiconductor Co	rporatio	on			If document to be recorded is an assignment and the
Name (line 2) Rame (line 2) States, an appointment						
Address (line 1) 2900 Semiconductor Drive of a domestic representative is attached. (Designation must be a						
Address (line 2)	M/S D3-579					separate document from Assignment.)
Address (line 3)	Santa Clara	CA	State/Country		95051 Zip Co	ode
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Conveying Pa Enter additional C		Mark if additional na	mes of conveying parties	attached	Execution Date Month Day Year
Name (line 1) Pe	eter J. Hopper				4/10/02
Name (line 2)					Execution Date Month Day Year
Name (line 1) M	arcel ter Beek				4/10/02
Name (line 2)					Execution Date
Name (line 1)					Month Day Year
Name (line 2)					183
Receiving Par	rty(ies)	Mark i	f additional names of rec	eiving parties a	ttached = ==================================
	Receiving Party(ies)	<u> </u>			107
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Address (line 2)				A	ssignment.)
Address (line 3)	City	Stat	e/Country	Zip Code	
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Application N	Number(s) or Patent	Number(s)	Mark if additional number		e aroperty).
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PATENT REEL: 012798 FRAME: 0099

FORM PTC Expires 06/30/99 OMB 0651-0027	O-1619B Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspond	dent Name and Address Area Code and Telephone Number	
Name	Jurgen Vollrath	
Address (line 1)	588 Sutter Street # 531	
Address (line 2)	San Francisco, CA	
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	the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the latent Application Number(s) Patent Num	
	is being filed together with a <u>new</u> Patent Application, enter the date the patent application was rst named executing inventor.	Month Day Year
Patent Coo	peration Treaty (PCT)	РСТ
	ter PCT application number vif a U.S. Application Number PCT PCT	PCT
	s not been assigned.	
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	or payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number:	
	Authorization to charge additional fees: Yes	No No
Statement a	and Signature	
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Nam	ne of Person Signing Signature	Date

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ASSIGNMENT OF APPLICATION

Docket Number (Optional) POSZIZ

Whereas, I, Vladislay Vashchenko of National Semiconductor	, hereafter
referred to as applicant, have invented certain new and useful improvements in PROTECTION STRUCTURE FOR BICMOS TECHNOLOGY	ING VOLTAGE ESD
for which an application for a United States Patent was filed on	
for which an application for a United States Patent was executed on	, and
Whereas, National Semiconductor of	erein referred to
2900 Semiconductor Dr., Mail Stop D3-579, Santa Clara, C "assignee" whose mailing address is <u>95051-8090</u>	:A is de-
sirous of acquiring the entire right, title and interest in the same;	
Now, therefore, in consideration of the sum of ten dollars (ten), the receipt	t whereof is ac-
knowledged, and other good and valuable consideration, I, the applicant, by these present	s do sell, assign
and transfer unto said assignee the full and exclusive right to the said invention in the Unite	d States and the
entire right, title and interest in and to any and all Patents which may be granted therefor in the	ne United States,
I hereby authorize and request the Commissioner of Patents and Trademarks to issue sa	id United States
Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole	use and behoof;
and for the use and behoof of his legal representatives, to the full end of the term for which	said Patent may
be granted, as fully and entirely as the same would have been held by me had this assignment	ent and sale not
been made.	
Executed this 10 fh day of April ,20	<u>02</u> ,
at AN IN LARH WATY	·
State of County SS: (Signature)	
Before me personally appeared said \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	; ()
and acknowledged the foregoing instrument to be his free act and deed this 1016 day of 1000 1000 1000 1000 1000 1000 1000 1	
Thursday or	11,6
Seal (Notary Public)	, , , ,

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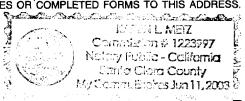
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ASSIGNMENT OF APPLICATION

Docket Number (Optional) P05212

Whereas, I, Ann Concannon	of National Semiconductor	, hereafter
referred to as applicant, have invented certa PROTECTION STRUCTURE FOR BICMOS TEC	ain new and useful improvements in HIGH HOLDING HNOLOGY	G VOLTAGE ESD
Application Number/	States Patent was filed on I States Patent was executed on	
Whereas, National Semiconductor	of he emiconductor Dr., Mail Stop D3-579, Santa Clara, CA	rein referred to
2900 Se "assignee" whose mailing address is <u>95051-8</u>	emiconductor Dr., Mail Stop D3-579, Santa Clara, CA 8090	is de-
sirous of acquiring the entire right, title and i	interest in the same;	
Now, therefore, in consideration of the sum	of <u>ten</u> dollars (\$\frac{10.00}{}), the receipt	whereof is ac-
knowledged, and other good and valuable of	consideration, I, the applicant, by these presents	do sell, assign
and transfer unto said assignee the full and	exclusive right to the said invention in the United	States and the
entire right, title and interest in and to any an	d all Patents which may be granted therefor in the	United States,
I hereby authorize and request the Commis	ssioner of Patents and Trademarks to issue said	United States
Patent to said assignee, of the entire right, ti	itle, and interest in and to the same, for his sole us	se and behoof;
and for the use and behoof of his legal repre	esentatives, to the full end of the term for which sa	aid Patent may
be granted, as fully and entirely as the same	e would have been held by me had this assignmen	nt and sale not
been made.	Ω . α	
executed this 10 at Santa (lance	day of Upril , 200	
	1) Que Concu	
State of County of South Clark Before me personally appeared said and acknowledged the foregoing instrument day of Seal	(Signature) (Signature) to be his free act and deed this	hel

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ASSIGNMENT OF APPLICATION

Docket Number (Optional) Pa5212

Whereas, I, <u>Peter J. Hopper</u>	of National Semiconductor	, hereafter
referred to as applicant, have invented certain PROTECTION STRUCTURE FOR BICMOS TECH.	new and useful improvements in HIGH HOLDING NOLOGY	S VOLTAGE ESD
Application Number/	tates Patent was filed on States Patent was executed on	
Whereas, National Semiconductor 2900 Sem	of her	rein referred to
"assignee" whose mailing address is <u>95051-809</u> sirous of acquiring the entire right, title and in		15 de-
	tendollars (\$\frac{10.00}{}), the receipt v	whereof is ac-
	nsideration, I, the applicant, by these presents of	
•	sclusive right to the said invention in the United	
	all Patents which may be granted therefor in the	
•	ioner of Patents and Trademarks to issue said	
·	e, and interest in and to the same, for his sole us	
and for the use and behoof of his legal repres	entatives, to the full end of the term for which sa	uid Patent may
be granted, as fully and entirely as the same v	would have been held by me had this assignmer	nt and sale not
been made.		
Executed this	lay of April 20 C	<u>, 7</u>
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State of	- Men &	Mit
Seal	(Notary Public)	

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ASSIGNMENT OF APPLICATION

Docket Number (Optional) P05212

Whereas, I, Marcel ter Beek of National Semiconductor , hereafter
referred to as applicant, have invented certain new and useful improvements in PROTECTION STRUCTURE FOR BICMOS TECHNOLOGY
for which an application for a United States Patent was filed on
Whereas, National Semiconductor of herein referred to 2900 Semiconductor Dr., Mail Stop D3-579, Santa Clara, CA assignee" whose mailing address is 95051-8090 is de-
sirous of acquiring the entire right, title and interest in the same;
Now, therefore, in consideration of the sum of tendollars (\$\frac{10.00}{}), the receipt whereof is ac-
knowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign
and transfer unto said assignee the full and exclusive right to the said invention in the United States and the
entire right, title and interest in and to any and all Patents which may be granted therefor in the United States,
I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States
Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof;
and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may
be granted, as fully and entirely as the same would have been held by me had this assignment and sale not
been made.
Executed this 10th day of foril , 2002,
at Junta Clava Country
(Signature)
State of
day of /type 1 , 20 6)
Seal (Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OF COMMENTED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.

Commission # 1223797 holory Fublic - California Santo Clara County

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