

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Herbert A. Gartner</td><td>09/02/2004</td></tr><tr><td>Heike Herr</td><td>09/02/2004</td></tr></tbody></table>	Name	Execution Date	Herbert A. Gartner	09/02/2004	Heike Herr	09/02/2004					
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Herbert A. Gartner	09/02/2004										
Heike Herr	09/02/2004										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Dow Deutschland GmbH &amp; Co. OHG</td></tr><tr><td>Street Address:</td><td>Buetzflethersand</td></tr><tr><td>City:</td><td>Stade-Buetzfleth</td></tr><tr><td>State/Country:</td><td>GERMANY</td></tr><tr><td>Postal Code:</td><td>21677</td></tr></table>	Name:	Dow Deutschland GmbH & Co. OHG	Street Address:	Buetzflethersand	City:	Stade-Buetzfleth	State/Country:	GERMANY	Postal Code:	21677	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10848314</td></tr></tbody></table>	Property Type	Number	Application Number:	10848314							
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Application Number:	10848314										
CORRESPONDENCE DATA											
Fax Number: (989)636-3237 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Total Attachments: 4 source=Deutschland#page1.tif source=Deutschland#page2.tif source=Deutschland#page3.tif source=Deutschland#page4.tif											

CH \$40.00 10848314

PATENT

500024682

REEL: 015816 FRAME: 0117

## INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

**HIGH INTERNAL PHASE POLYELECTROLYTE EMULSIONS FOR THE MANUFACTURE OF SUPERABSORBENT POLYMERS AND SUPERABSORBENT POLYMERS MADE THEREFROM**

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

**DOW DEUTSCHLAND GMBH & CO. OHG**  
**Buetzfluthersand**  
**21677 Stade - Buetzfluth**  
**GERMANY**

a corporation organized and existing under the laws of **Germany** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the

Application No. 10/848,314 Filing Date May 18, 2004  
in country the United States of America

of the application on which the claim, for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding equivalent

Application No. \_\_\_\_\_ Filing Date \_\_\_\_\_  
in country \_\_\_\_\_

to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for record of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: Rheinmunster, Germany  
this 02 day of September, 2004  
Effective as of May 5, 2004  
Signature: Herbert A. Gartner  
Full Name: **Herbert A. Gartner**  
Residence: **Rehgasse 15**  
**76534 Baden-Baden**  
Country: **Germany**  
Citizenship: **German**  
P. O. Address: **Same as Residence**  
Employed By: **Dow Deutschland & Co. OHG**  
Of Country: **Germany**

At: Rheinmunster, Germany  
this 02 day of September, 2004  
Effective as of May 5, 2004  
Signature: Heike Herr  
Full Name: **Heike Herr**  
Residence: **Kohlenweg 10**  
**77855 Achern**  
Country: **Germany**  
Citizenship: **German**  
P. O. Address: **Same as Residence**  
Employed By: **Dow Deutschland & Co. OHG**  
Of Country: **Germany**

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P. O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P. O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

( ) Additional names and signatures are attached.

FORM 881

Dow Case No. 44484A

**SUBSCRIBING WITNESS  
AFFIDAVIT OF EXECUTION  
OF AN ASSIGNMENT**

I, David Arensmuth

Whose full post office address is:

Anne-Frank-Str. 7, 74845 Gohl, Germany

Make oath and say that I was personally present and did see:

Herbert A. Gartner

Who is/are personally known or identified to me to be the inventor(s)  
named in the attached assignment, duly sign and execute the same for  
the purposes therein stated.

Signed at: Rehmmunster, Germany

On this 2nd day of September, 2004

David Arensmuth  
Subscribing Witness

Dow Case No. 44484A

I, Daniel Arrowsmith

Anne-Frank-Str. 7, 77815 Gohl Germany

Heike Herr

Signed at: Bonn, Germany

On this 2nd day of September, 2004

David A. Aronson  
Subscribing Witness

● 651 ● 652 ● 653 ● 654 ● 655 ● 656 ● 657 ● 658 ● 659 ● 660 ● 661 ● 662 ● 663 ● 664 ● 665 ● 666 ● 667 ● 668 ● 669 ● 670 ● 671 ● 672 ● 673 ● 674 ● 675 ● 676 ● 677 ● 678 ● 679 ● 680 ● 681 ● 682 ● 683 ● 684 ● 685 ● 686 ● 687 ● 688 ● 689 ● 690 ● 691 ● 692 ● 693 ● 694 ● 695 ● 696 ● 697 ● 698 ● 699 ● 700 ● 701 ● 702 ● 703 ● 704 ● 705 ● 706 ● 707 ● 708 ● 709 ● 710 ● 711 ● 712 ● 713 ● 714 ● 715 ● 716 ● 717 ● 718 ● 719 ● 720 ● 721 ● 722 ● 723 ● 724 ● 725 ● 726 ● 727 ● 728 ● 729 ● 730 ● 731 ● 732 ● 733 ● 734 ● 735 ● 736 ● 737 ● 738 ● 739 ● 740 ● 741 ● 742 ● 743 ● 744 ● 745 ● 746 ● 747 ● 748 ● 749 ● 750 ● 751 ● 752 ● 753 ● 754 ● 755 ● 756 ● 757 ● 758 ● 759 ● 760 ● 761 ● 762 ● 763 ● 764 ● 765 ● 766 ● 767 ● 768 ● 769 ● 770 ● 771 ● 772 ● 773 ● 774 ● 775 ● 776 ● 777 ● 778 ● 779 ● 780 ● 781 ● 782 ● 783 ● 784 ● 785 ● 786 ● 787 ● 788 ● 789 ● 790 ● 791 ● 792 ● 793 ● 794 ● 795 ● 796 ● 797 ● 798 ● 799 ● 800 ● 801 ● 802 ● 803 ● 804 ● 805 ● 806 ● 807 ● 808 ● 809 ● 810 ● 811 ● 812 ● 813 ● 814 ● 815 ● 816 ● 817 ● 818 ● 819 ● 820 ● 821 ● 822 ● 823 ● 824 ● 825 ● 826 ● 827 ● 828 ● 829 ● 830 ● 831 ● 832 ● 833 ● 834 ● 835 ● 836 ● 837 ● 838 ● 839 ● 840 ● 841 ● 842 ● 843 ● 844 ● 845 ● 846 ● 847 ● 848 ● 849 ● 850 ● 851 ● 852 ● 853 ● 854 ● 855 ● 856 ● 857 ● 858 ● 859 ● 860 ● 861 ● 862 ● 863 ● 864 ● 865 ● 866 ● 867 ● 868 ● 869 ● 870 ● 871 ● 872 ● 873 ● 874 ● 875 ● 876 ● 877 ● 878 ● 879 ● 880 ● 881 ● 882 ● 883 ● 884 ● 885 ● 886 ● 887 ● 888 ● 889 ● 890 ● 891 ● 892 ● 893 ● 894 ● 895 ● 896 ● 897 ● 898 ● 899 ● 900 ● 901 ● 902 ● 903 ● 904 ● 905 ● 906 ● 907 ● 908 ● 909 ● 910 ● 911 ● 912 ● 913 ● 914 ● 915 ● 916 ● 917 ● 918 ● 919 ● 920 ● 921 ● 922 ● 923 ● 924 ● 925 ● 926 ● 927 ● 928 ● 929 ● 930 ● 931 ● 932 ● 933 ● 934 ● 935 ● 936 ● 937 ● 938 ● 939 ● 940 ● 941 ● 942 ● 943 ● 944 ● 945 ● 946 ● 947 ● 948 ● 949 ● 950 ● 951 ● 952 ● 953 ● 954 ● 955 ● 956 ● 957 ● 958 ● 959 ● 960 ● 961 ● 962 ● 963 ● 964 ● 965 ● 966 ● 967 ● 968 ● 969 ● 970 ● 971 ● 972 ● 973 ● 974 ● 975 ● 976 ● 977 ● 978 ● 979 ● 980 ● 981 ● 982 ● 983 ● 984 ● 985 ● 986 ● 987 ● 988 ● 989 ● 990 ● 991 ● 992 ● 993 ● 994 ● 995 ● 996 ● 997 ● 998 ● 999 ● 1000

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