

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6808414

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
ECOLAB, INC.	01/01/2009

**RECEIVING PARTY DATA**

<b>Name:</b>	ECOLAB USA INC.
<b>Street Address:</b>	370 N. WABASHA STREET
<b>City:</b>	ST. PAUL
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55102

**PROPERTY NUMBERS Total: 54**

Property Type	Number
Application Number:	05232432
Application Number:	05254054
Application Number:	05470565
Application Number:	05584848
Application Number:	05692313
Application Number:	05699611
Application Number:	05702230
Application Number:	05704459
Application Number:	05711205
Application Number:	05711206
Application Number:	05868302
Application Number:	05956897
Application Number:	06067073
Application Number:	06092244
Application Number:	06110975
Application Number:	06112883
Application Number:	06166513
Application Number:	06291984
Application Number:	06506597
Application Number:	06510943

PATENT

Property Type	Number
Application Number:	06601475
Application Number:	06652404
Application Number:	06663473
Application Number:	06679259
Application Number:	06685215
Application Number:	06840455
Application Number:	06854994
Application Number:	06855111
Application Number:	07247279
Application Number:	07277897
Application Number:	07277900
Application Number:	07294290
Application Number:	07313762
Application Number:	07321969
Application Number:	07339055
Application Number:	06858968
Application Number:	06868425
Application Number:	06881088
Application Number:	06901249
Application Number:	06901250
Application Number:	06926111
Application Number:	06945908
Application Number:	07001397
Application Number:	07012102
Application Number:	07038016
Application Number:	07047706
Application Number:	07049683
Application Number:	07049710
Application Number:	07077257
Application Number:	07092686
Application Number:	07096953
Application Number:	07217378
Application Number:	07226609
Application Number:	07245123

**CORRESPONDENCE DATA**

**Fax Number:**

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**PATENT**

**REEL: 057434 FRAME: 0602**

**Email:** bburke@merchantgould.com  
**Correspondent Name:** MERCHANT & GOULD  
**Address Line 1:** PO BOX 2903  
**Address Line 4:** MINNEAPOLIS, MINNESOTA 55402

**ATTORNEY DOCKET NUMBER:** 00163.00000001 - BATCH 1

**NAME OF SUBMITTER:** BRIDGET D. BURKE

**SIGNATURE:** /bdburke/

**DATE SIGNED:** 07/12/2021

**Total Attachments: 8**

source=14961798\_1#page1.tif  
source=14961798\_1#page2.tif  
source=14961798\_1#page3.tif  
source=14961798\_1#page4.tif  
source=14961798\_1#page5.tif  
source=14961798\_1#page6.tif  
source=14961798\_1#page7.tif  
source=14961798\_1#page8.tif

## PATENT ASSIGNMENT

This Patent Assignment is made this 1st day of January, 2009, between Ecolab Inc., a Delaware corporation (hereinafter the "Assignor") and Ecolab USA Inc., a Delaware corporation (hereinafter the "Assignee").

### RECITALS

WHEREAS, the Assignor is the owner of the patents and patent applications identified in the attached Patent and Patent Application Schedule 1, attached hereto.

WHEREAS, the Assignor and Assignee have agreed on the transfer of the patents and patent applications, the inventions the subject matter thereof and the right to apply for or obtain corresponding patents for the inventions and the priority thereof in any country of the world to the Assignee.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns to Assignee all of the patents and patent applications, the right, title and interest in the same and all the rights, powers, liberties and immunities arising or to arise therefrom.

The Assignor hereby undertakes to do all acts and execute all documents necessary or desirable for further assuring the title of the Assignee to the patents and patent applications and the inventions the subject matter thereof to the intent that all the patents and patent applications shall be transferred into the name of the Assignee and in particular the Assignor will do all acts, execute all documents and procure the making of any declarations or oaths necessary or required by law and will comply with any other matter or thing for this purpose.

All fees, costs and expenses connected with the transfer of the patents and the patent applications shall be borne and paid by the Assignee.

IN WITNESS WHEREOF, the Assignor and the Assignee have caused this Patent Assignment to be duly executed and delivered as of the date stated above.

Signed for on behalf of:

Ecolab Inc.

By:

Name: Lawrence T. Bell

Title: General Counsel and Secretary

Signed for on behalf of:

Ecolab USA Inc.

By:

Name: Steven L. Fritze

Title: Chief Financial Officer

**Patent Assignment  
Patent and Patent Applications  
Schedule 1**

Application No.	Application No.	Application No.	Application No.
05232432	06858968	07368042	07903169
05254054	06861064	07372283	08000264
05468214	06868425	07384861	08005731
05470565	06868425	07401092	08016776
05584848	06881088	07406463	08019606
05692313	06901249	07406741	08019785
05699611	06901250	07406743	08023941
05702230	06913023	07406984	08027426
05704459	06914054	07420651	08028349
05711205	06926111	07483205	08032624
05711206	06945908	07489716	08047264
05742443	06945908	07495288	08049973
05868302	07000971	07509992	08052641
05941971	07001397	07519738	08065289
05956897	07001685	07529596	08075136
06067073	07001685	07543211	08088167
06092244	07010920	07556892	08093809
06110975	07012102	07569495	08102643
06112883	07038016	07588659	08109939
06166513	07043948	07608009	08112579
06291984	07044552	07637054	08114193
06327796	07047706	07642056	08121773
06372731	07049683	07642057	08123437
06374342	07049710	07642065	08131653
06506597	07071788	07690505	08150951
06510943	07073520	07699688	08169325
06601475	07077257	07699784	08170153
06616946	07078075	07699788	08175714
06639502	07092686	07699789	08182869
06652404	07096953	07699946	08229648
06663473	07217378	07699947	08229982
06679259	07226609	07708510	08261461
06685215	07233649	07734580	08261986
06725262	07245123	07756458	08267130
06800523	07247279	07777782	08267664
06817350	07277897	07781288	08271417
06817399	07277900	07781289	08298950
06819538	07279536	07782529	08304571
06821412	07294290	07788758	08312460
06826205	07295872	07801693	08318377
06838276	07313762	07831564	08339568
06840455	07321969	07849750	08349917
06854994	07339055	07856213	08354379
06855111	07341927	07858611	08356067

**Patent Assignment  
Patent and Patent Applications  
Schedule 1**

Application No.	Application No.	Application No.	Application No.
08356068	08787144	09175836	09427806
08358778	08787808	09182121	09428841
08369355	08792667	09195750	09433999
08382906	08794432	09196265	09435932
08389129	08803194	09219593	09435933
08390861	08805736	09227593	09440397
08408560	08841110	09231255	09441881
08413782	08841198	09245548	09447328
08414635	08845964	09245648	09453362
08417061	08854405	09250906	09458478
08446473	08869782	09251271	09461861
08489692	08879963	09251980	09463376
08493259	08926810	09257569	09482253
08511398	08938064	09268010	09491915
08512227	08938653	09275065	09495069
08514676	08948628	09275851	09499140
08525481	08955380	09277592	09508338
08525903	08989824	09277626	09509123
08532485	09000693	09282001	09522729
08538734	09007225	09285369	09528799
08543289	09013560	09285382	09529624
08553570	09021106	09286813	09530850
08554094	09022317	09289629	09532691
08577484	09024410	09295035	09542087
08619033	09033229	09297993	09548573
08622612	09036527	09307393	09549653
08624992	09055609	09317320	09550428
08629049	09056941	09319711	09571121
08642427	09067540	09331379	09576722
08644620	09070805	09339601	09580464
08648214	09079793	09347120	09584446
08655952	09082098	09347694	09585009
08681264	09089095	09353706	09585489
08687674	09093321	09360997	09595835
08701773	09096079	09361843	09596599
08703942	09114013	09368452	09596697
08713558	09114015	09383000	09597106
08729140	09122974	09389897	09602756
08733272	09137242	09402410	09604469
08781493	09140115	09404813	09606290
08782336	09146595	09415941	09606478
08782457	09159729	09419251	09614631
08784976	09167601	09419726	09619788
08785411	09170317	09424355	09619879

**Patent Assignment  
Patent and Patent Applications  
Schedule 1**

Application No.	Application No.	Application No.	Application No.
09631757	09890660	10086912	10270095
09634662	09896807	10087203	10271871
09641775	09904967	10091634	10276200
09642032	09905189	10093992	10279202
09642395	09907483	10097232	10288352
09655543	09912621	10099494	10290403
09655544	09912755	10099535	10293572
09657420	09920154	10103406	10293794
09659795	09923176	10109806	10293798
09664623	09923200	10111269	10294851
09669711	09923202	10112644	10299428
09676616	09923931	10120891	10299519
09676620	09928792	10121124	10299536
09680566	09930558	10121175	10304191
09691007	09936141	10121440	10306671
09713452	09938920	10138342	10315142
09731118	09940345	10138344	10316513
09735395	09941505	10149148	10316513
09735814	09948167	10153826	10326038
09738387	09952396	10168426	10328497
09738536	09954716	10168442	10330043
09738806	09957783	10168612	10336054
09745296	09960028	10168738	10345090
09757687	09961795	10171223	10346862
09757704	09965744	10174411	10348512
09763383	09972456	10177901	10356678
09773965	09980977	10188620	10369821
09794790	09990134	10188714	10374690
09795653	09992195	10194184	10379399
09816695	09995367	10208404	10386377
09829424	09999072	10210390	10389167
09829424	10000138	10213603	10389168
09829429	10004277	10214625	10390452
09838873	10007491	10221921	10391639
09838884	10009111	10222451	10392997
09838969	10043827	10224300	10394365
09839342	10048043	10231367	10396754
09840365	10049087	10236732	10400951
09844965	10049452	10241451	10400952
09857741	10058811	10255993	10401302
09858320	10073824	10258161	10411062
09859902	10074594	10263414	10416355
09874841	10080909	10266094	10416480
09876294	10086765	10267603	10422063



**Patent Assignment  
Patent and Patent Applications  
Schedule 1**

Application No.	Application No.	Application No.	Application No.
10427032	10643018	10755975	10990532
10427033	10643570	10755976	11000261
10427270	10644452	10756119	11004478
10429488	10649152	10756120	11013762
10432536	10653673	10758688	11018046
10434392	10654709	10781332	11020691
10434399	10655160	10781385	11029235
10434430	10655217	10784540	11030233
10435342	10655538	10786237	11030271
10435351	10656854	10786238	11030641
10436454	10661912	10794429	11033029
10436888	10664265	10799319	11067301
10437257	10667292	10799430	11070647
10444823	10674050	10811276	11074952
10450027	10675373	10820891	11074957
10451465	10678955	10822636	11075287
10451466	10680703	10825389	11079693
10451495	10683905	10826430	11080000
10467702	10693601	10826825	11080138
10478099	10693602	10826895	11084645
10479669	10693670	10843014	11089919
10487605	10697519	10843219	11097847
10490569	10697705	10843230	11106384
10499798	10699531	10850001	11106798
10500782	10703042	10852591	11107307
10509806	10714751	10855931	11115690
10518422	10717729	10857593	11129431
10518672	10721540	10860697	11142995
10518784	10723455	10862925	11152917
10526793	10727377	10863663	11152940
10535067	10727785	10876995	11157020
10536546	10727831	10877049	11157041
10554298	10730434	10877076	11157073
10554535	10732954	10897598	11176484
10554641	10733064	10909470	11176917
10566910	10739922	10913070	11181257
10599392	10740371	10921776	11183159
10600091	10754396	10928774	11184340
10602384	10754405	10931465	11186405
10610330	10754426	10942544	11191667
10612474	10754436	10945816	11206618
10629754	10754491	10956135	11216957
10634196	10755089	10978962	11233568
10640586	10755972	10985302	11233596

**Patent Assignment  
Patent and Patent Applications  
Schedule 1**

Application No.	Application No.	Application No.	Application No.
11233922	11511851	11977613	12260574
11249557	11526515	11977613	12262627
11254233	11570411	11986219	12262935
11254235	11583371	12020883	12263021
11257874	11595836	12029101	12263090
11264585	11605705	12052880	12263156
11264595	11609193	12054806	12263892
11264615	11622894	12069494	12263892
11264617	11675415	12093203	12263907
11264820	11717865	12105822	12275357
11268287	11720924	12108202	12281885
11279654	11729254	12108657	12288355
11283953	11729380	12114327	12288356
11287796	11744483	12114329	12300064
11292481	11754177	12114342	12329788
11292789	11772641	12114355	12331060
11299784	11779596	12114385	12331913
11311126	11799692	12114428	12350799
11318062	11800286	12114448	12351027
11332021	11801178	12114486	12355996
11335232	11801373	12114513	12356002
11335239	11801374	12115094	12356435
11345443	11809208	12124725	12359809
11351332	11810417	12125438	12368070
11351863	11823872	12130541	<u>12369417</u>
11355025	11847604	12138021	12369447
11369381	11857602	12141683	12370331
11381854	11859036	12168590	12370348
11396146	11870266	12179382	12370358
11401626	11870292	12179410	12370369
11413275	11894334	12185200	12372245
11426214	11916159	12185210	12390771
11455908	11916785	12197153	12394640
11459067	11923410	12202473	12398293
11459069	11931602	12203998	12401715
11463436	11931774	12211419	12402159
11467202	11931893	12234044	12413189
11473369	11932037	12236055	12414155
11487138	11944314	12236663	12418898
11487166	11954425	12246657	12418910
11487168	11957578	12247743	12419145
11487599	11969385	12247767	12420479
11491784	11969411	12250177	12422329
11499994	11969455	12258192	12422591

**Patent Assignment  
Patent and Patent Applications  
Schedule 1**

Application No.	Application No.	Application No.	Application No.
12425644	12617121	12778827	29106388
12425814	12617419	12780407	29107414
12428738	12617468	12780453	29126862
12430523	12619169	12780503	29136816
12431477	12623028	12782300	29137706
12431500	12623570	12784049	29144552
12432277	12628478	12785251	29148569
12435006	12633237	12785867	29158837
12438307	12633304	12787064	29169008
12446952	12642091	12787097	29191004
12468967	12651792	12787624	29225867
12469875	12683666	12787952	29264604
12471087	12690438	12790326	29266736
12475901	12692352	29005747	29319658
12476594	12692396	29008781	29329239
12477640	12695370	29013794	29331409
12486918	12695535	29026718	29332341
12488705	12696439	29030468	29335496
12492556	12696574	29036912	29346604
12493399	12698266	29038131	29346611
12496790	12702057	29040701	29346613
12506426	12706143	29042305	29346615
12506589	12711892	29048085	29357894
12509862	12715911	29048094	61232187
12510035	12720357	29050541	61235961
12539246	12726073	29051454	61236188
12547698	12726114	29053226	61236617
12549509	12726155	29058813	61239628
12553563	12726179	29059131	61243634
12556769	12730998	29059472	61243720
12560848	12739451	29062028	61245060
12562286	12743785	29062047	61261610
12562695	12751674	29062048	61289157
12563640	12754418	29062049	61289172
12567266	12760095	29082046	61291521
12568493	12764606	29083462	61293968
12574111	12764621	29084648	61302376
12574175	12765964	29092689	61309639
12604893	12766714	29096770	61315312
12613182	12772394	29101852	61346804
12614097	12772402	29102862	
12614120	12778683	29102914	
12614540	12778711	29103262	
12614818	12778817	29106337	