PATENTS ONLY TO THE DIRECTOR OF THE UNITED STAT	PATENTS ONLY FS PATENT AND TRADEMARK OFFICE
Please record the attached origin	
1. Name of Partý(ies) conveying an interest:/	2. Name and Address of Party(ies) receiving an interest:
الال الله الله الله الله الله الله الله	/Name: Wm. Wrigley Jr. Company Internal Address:
Jeffrey S. Hook Michael J. Greenberg ADEN Henry T. Tyrpin Mansukh M. Patel Kathryn T. Nelson	Street Address: 410 North Michigan Avenue City: Chicago State/Zip: Illinois 60611
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Additional name(s) and addresses attached? ☐ Yes ☒ No
Description of the interest conveyed:	Other: 08 - 08 - 2000
☐ Security Agreement ☐ Merger	
Execution Date: Fred R. Wolf - June 29, 2000; Gordon N. McGrew - June 26, 2000; Jeffrey S. Hook - June 26, 2000; Lindell C. Richey - June 26, 2000; Mansukh M. Patel - June 26, 2000; Robert J. Yatka - June 26, 2000; David L. Witkewitz - June 26, 2000; Michael J. Greenberg - June 26, 2000; Henry T. Tyrpin - June 26, 2000; Kathryn T. Nelson - July 12, 2000 4. Application number(s) or patent number(s). Additional sheet	101425323 attached? □ Yes ⊠ No
If this document is being filed together with a new application	_ _
 Date	
A. Patent Application No.(s) 09/527,170	B. Patent No.(s)
Additional numbers atta	ched2 □ Ves ☑ No
	Number of applications and patents involved: 1
concerning document should be mailed:	7. Total fee (37 CFR 3.41) \$ 40.00
CHICAGO, IL 60610 (312)321-4200	Authorized to be charged to Deposit Account No. 23-1925
	Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.
DO NOT USE T	HIS SPACE
6/04/2000 MKDROMA 00000074 09527170 5 FC:581 40.00 DP	
Statement and signature. To the best of my knowledge and belief, the foregoing inform copy of the original document.	ation is true and correct and any attached copy is a true
Steven P. Shurtz Name of Person Signing Total number of pages including cover s	nature 7/34/00 Date heet, attachments, and document: 8

PATENT REEL: 010967 FRAME: 0507

ASSIGNMENT

WHEREAS, Fred R. Wolf, Gordon N. McGrew, Jeffrey S. Hook, Lindell C. Richey, Mansukh M. Patel, Robert J. Yatka, David L. Witkewitz, Michael J. Greenberg, Henry T. Tyrpin and Kathryn T. Nelson, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled CHEWING GUM CONTAINING PHYSIOLOGICAL COOLING AGENTS, for a full description of which reference is here made to an application for Letters Patent of the United States filed on March 16, 2000 and assigned Application Serial No 09/527,170, and to a PCT Application filed September 18, 1997, and assigned Application Serial No. PCT/US97/16731;

WHEREAS, <u>Wm. Wrigley Jr. Company</u>, a corporation organized and existing under the laws of the State of <u>Delaware</u>, having a place of business at <u>410 North Michigan Avenue</u>, <u>Chicago</u>, <u>Illinois 60611</u>, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent applications identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent applications identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of

PATENT REEL: 010967 FRAME: 0508 the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:	5-29-2000	The Roll
DATED:	6/25/00	Fred R/Wolf/ Gordon N/McGrev
DATED:	4-26-00	Stad Le
DATED:	6-26-00	Jeffrey S. Hools
DATED:	6-26 N	Lindell C. Richey
DATED:	6-26-2000	Mansukh M. Patel Robert J. Vatka
DATED:	June 26 th 2000	David Witherost
DATED:	6-26-200	David L. Witkerstz Wedian Preventil
DATED:	6-26-00	Michael J. Greenberg Strong J Syrpin Henry T. Tyrpin
DATED:	7-12-00	Henry T. Tyrpin Kalhyn J. Thelson

Kathryn T) Nelson

STATE OF Journal
COUNTY OF Poll ss.
I, Sus Ann Rice a Notary Public in and for the County and State aforesaid, do hereby certify that Fred R. Wolf, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 29 th day of have hereunto set my hand and Notarial Seal, this
Sue Ann Rice Notary Public - STATE OF IOWA Notarial Seal My Commission Expires: Jan. 27, 2002
My Commission Expires:
STATE OF Allerais
STATE OF (Crak) ss.
I, SHETLA N. W. WOOD, a Notary Public in and for the County and State aforesaid, do hereby certify that Gordon N. McGrew, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of the county and service in the county and se
OFFICIAL SEAL SHEILA N. WOOD NOTARY FUBLIC, STATE OF ILLINOIS (SEA II MY COMMISSION EXPIRES 6-26-2001

My Commission Expires: 6-26-2,001

STATE OF Ellenis
STATE OF Llenies) COUNTY OF Grake) ss.
I, SHETIA N WWW a Notary Public in and for the County and State aforesaid, do hereby certify that Jeffrey S. Hook, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this action of the county and State aforesaid, do hereby certify that Jeffrey S. Hook, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this action is the property of the same person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this action is the property of the
OFFICIAL SEAL SHEILA N. WOOD NOTARY PUBLIC, STATE OF ILLINOIS NOTARY PUBLIC STATE OF ILLINOIS NOTARY PUBLIC
(SEAL) MY COMMISSION EXPIRES 6-26-2001
My Commission Expires: 6-26-2001
STATE OF Quak ss.
COUNTY OF COUNTY OF
I, SHETLA NO WOLD, a Notary Public in and for the County and State aforesaid, do hereby certify that Lindell C. Richey, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of the county and the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of the county act for the uses and purposes.
OFFICIAL SEAL SHEILA N. WOOD NOTARY PUBLIC, STATE OF ILLINOIS (SEAL MY COMMISSION EXPIRES 6-26-2001) Notary Public

My Commission Expires: $(c - \lambda (b - \lambda, CV))$

STATE OF Illinia	
COUNTY OF () ss.	
aforesaid, do hereby certify that Mansukh M. Paperson whose name is subscribed to the foregoint person and acknowledged that (s)he signed, sealed free and voluntary act for the uses and purposes the MITNESS WHEREOF, I have also day of the control	ng instrument, appeared before me this day in ed and delivered the said instrument as his/her erein set forth.
OFFICIAL SEAL SHEILA N. WOOD	Duela D. Stood Notary Public
(SEAL) NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 6-26-2001	Notary Public
My Commission Expires: 6-26-2,001	
STATE OF <u>Colinars</u>) ss.	
State aforesaid, do hereby certify that Robert J. You person whose name is subscribed to the foregoin person and acknowledged that (s)he signed, seale free and voluntary act for the uses and purposes the	ing instrument, appeared before me this day in and delivered the said instrument as his/hererein set forth.
OFFICIAL SEAL SHEILA N. WOOD NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 6-26-2001	Motary Public

- 5 -

My Commission Expires: 6-26-2001

STATE OF Llineis
COUNTY OF (ook) ss.
I, SHETIA N. (Ovo) a Notary Public in and for the County and State aforesaid, do hereby certify that David L. Witkewitz, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of here and voluntary act for the uses and purposes therein set forth.
OFFICIAL SEAL SHEILA N. WOOD NOTARY PUBLIC, STATE OF ILLINOIS WY COMMISSION EXPIRES 6-26-2001
My Commission Expires: 6-26-201
STATE OF Ovak ss.
I, SHEJLA N. WOOD a Notary Public in and for the County and State aforesaid, do hereby certify that Michael J. Greenberg, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this
day of June, #9 200.

OFFICIAL SEAL
SHEILA N. WOOD
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 8-26-2901
My Commission Expires:

- 6 -

STATE OF Country OF Country OF (pook) ss.
I, SHIILA W. Word a Notary Public in and for the County and State aforesaid, do hereby certify that Henry T. Tyrpin, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of the county and State aforesaid, do hereby certify that Henry T. Tyrpin, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.
OFFICIAL SEAL SHEILA N. WOOD (SEAR NOTARY PUBLIC. STATE OF ILLINOIS MY COMMISSION EXPIRES 6-26-2001 My Commission Expires: 6-26-2001
STATE OF COUNTY OF (and service the county of the County and State aforesaid, do hereby certify that Kathryn T. Nelson, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 12 day of 19200.
(SEAL) Notary Public

My Commission Expires:

ASSIGNMENT

WHEREAS, Fred R. Wolf, Gordon N. McGrew, Jeffrey S. Hook, Lindell C. Richey, Mansukh M. Patel, Robert J. Yatka, David L. Witkewitz, Michael J. Greenberg, Henry T. Tyrpin and Kathryn T. Nelson, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled CHEWING GUM CONTAINING PHYSIOLOGICAL COOLING AGENTS, for a full description of which reference is here made to an application for Letters Patent of the United States filed on March 16, 2000 and assigned Application Serial No 09/527,170, and to a PCT Application filed September 18, 1997, and assigned Application Serial No. PCT/US97/16731;

WHEREAS, <u>Wm. Wrigley Jr. Company</u>, a corporation organized and existing under the laws of the State of <u>Delaware</u>, having a place of business at <u>410 North Michigan Avenue</u>, <u>Chicago</u>, <u>Illinois 60611</u>, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent applications identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent applications identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of

PATENT REEL: 010967 FRAME: 0515 the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:	5-29-2000	The Roll
DATED:	6/26/00	Fréd R. Wolf On D. McGrew Görden NcMcGrew
DATED:	6-26-00	Mas Le
DATED:	6-26-00	Jeffrey S. Hook Jen dell ger he Lindell C. Richey
DATED:	6-26·n	Mansukh M. Patel
DATED:	6-26-2000	Robert J. Vatka
DATED:	June 26 th 2000	David Without
DATED:	6-26-200	David L. Witkewitz Wedien Corling
DATED:	6-26-00	Michael J. Greenberg The Living J. Tyrpin Henry T. Tyrpin
DATED:	7-12-00	Kathen J. Thelron
		Kathryn T Nelson

STATE OF Locus
COUNTY OF Lold ss.
I, Sue Ann Rice a Notary Public in and for the County and State aforesaid, do hereby certify that Fred R. Wolf, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 29th day of Sunday Ann Research and State aforesaid, do hereby certify that Fred R. Wolf, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.
Sue Ann Rice Notary Public - STATE OF IOWA Notarial Seal My Commission Expires: Jan. 27, 2002 Notary Public
My Commission Expires:
STATE OF (Corac) ss. COUNTY OF (Corac)
I, SHEJAN (L)OCD, a Notary Public in and for the County and State aforesaid, do hereby certify that Gordon N. McGrew, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of the county and Sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. OFFICIAL SEAL SEAL SEAL SHELAN. WOODD
NOTARY FUBLIC, STATE OF ILLINOIS (SEAT MY COMMISSION EXPIRES 6-26-2001

My Commission Expires: 6-2,6-2,001

I, SHETTH N (LOW) a Notary Public in and for the County and State aforesaid, do hereby certify that Jeffrey S. Hook, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this SHEILA N. WOOD NOTARY PUBLIC, STATE OF ILLINOIS (SEAL) MY COMMISSION EXPIRES 6-28-2001 My Commission Expires: 6-26-2001 STATE OF S
My Commission Expires: 6-26-2001 My Commission Expires: 6-26-2001
I, SHEJAR NO COULDED, a Notary Public in and for the County and State aforesaid, do hereby certify that Lindell C. Richey, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of Counce 1920. OFFICIAL SEAL SHEILA N. WOOD NOTARY PUBLIC, STATE OF ILLINOIS NOTARY PUBLIC, STATE OF ILLINOIS NOTARY Public

My Commission Expires: 6-26-201

STATE OF Levening
STATE OF Stakes ss. COUNTY OF Coak ss.
I, SHELLA W. Word a Notary Public in and for the County and State aforesaid, do hereby certify that Mansukh M. Patel, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/he free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of the county and State and Patel, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/he free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of the county of the
OFFICIAL SEAL SHEILA N. WOOD NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 6-26-2001 Notary Public
My Commission Expires: 6-26-2001
STATE OF <u>Quak</u>) ss.
I, SHETLA N. (L)00D, a Notary Public in and for the County and State aforesaid, do hereby certify that Robert J. Yatka, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/he free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of the local purpose.
OFFICIAL SEAL SHEILA N. WOOD NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 6-26-2001 Notary Public

My Commission Expires: 6-26-201

STATE OF Lines ss.
COUNTY OF COOK 33.
I, SHETIA N. (Ovo) a Notary Public in and for the County and State aforesaid, do hereby certify that David L. Witkewitz, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of
OFFICIAL SEAL SHEILA N. WOOD (SE NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 6-28-2801) My Commission Expires: 6-26-2001
STATE OF COUNTY OF COUNTY OF COUNTY OF
I, SHETLA N. Word a Notary Public in and for the County and State aforesaid, do hereby certify that Michael J. Greenberg, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this

OFFICIAL SEAL
SHEILA N. WOOD
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 6-26-2901

My Commission Expires:

STATE OF (lineis) ss.
COUNTY OF (col) ss.
I, SHIJLA MOOOD a Notary Public in and for the County and State aforesaid, do hereby certify that Henry T. Tyrpin, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of hour hand and Notarial Seal, this hour hand seal that the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. OFFICIAL SEAL Notary Public
SHEILA N. WOOD (SEAR NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 6-26-2001 My Commission Expires: 26-201
STATE OF Elling)
STATE OF Lilinus) SS. COUNTY OF (all) Type ence LiAilir Hinns I, Live Delta Notary Public in and for the County and State of creased do hereby partify that Kathryn T. Nalson, parsonally known to me to be the same
person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 12 day of 19200.
Wotary Public Via (Glians)

- 7 -

(SEAL)

My Commission Expires:

RECORDED: 07/27/2000