

PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name: Smith, Jr., Ronald Dean

Execution Date: 11/18/1999

Name: Fallin, Larry W.

Execution Date: 11/15/1999

Name: Courier, Andrew S.

Execution Date: 11/03/1999

Name: Forti, Stephen N.

Execution Date: 11/03/1999

Name: Leary, William G.

Execution Date: 11/03/1999

RECEIVING PARTY DATA

Name: IBP, inc.

Street Address: 800 Stevens Port

Internal Address: Suite 836

City: Dakota Dunes

State: SOUTH DAKOTA

Country:

Postal Code: 57049

PROPERTY NUMBERS

Application Number: 10180229

Number of Properties: 1

The USPTO, Office of Public Records, will send correspondence via facsimile to **FAX NUMBER:** 314-345-6060

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has not been provided or the fax attempt is unsuccessful.

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CUSTOMER NUMBER: 027128

NAME OF PERSON SIGNING: Mark E. Stallion

DATE SIGNED: 04/01/2003

Total Attachments: 9

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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MARCH 14, 2000

PTAS

HERZOG, CREBS & MCGHEE, LLP
LAWRENCE E. EVANS, JR.
ONE CITY CENTER, 24TH FLOOR
515 N. 6TH STREET
ST. LOUIS, MO 63101



101228250A

5/11/00

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 12/02/1999

REEL/FRAME: 010443/0334
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SMITH, RONALD DEAN, JR.

DOC DATE: 11/18/1999

ASSIGNOR:

FALLIN, LARRY W.

DOC DATE: 11/15/1999

ASSIGNOR:

COURIER, ANDRES S.

DOC DATE: 11/03/1999

ASSIGNOR:

FORTI, STEPHEN N.

DOC DATE: 11/03/1999

ASSIGNOR:

LEARY, WILLIAM G.

DOC DATE: 11/03/1999

ASSIGNEE:

IBP, INC.

800 STEVENS PORT, SUITE 836

DAKOTA DUNES, SOUTH DAKOTA 57049

010443/0334 PAGE 2

SERIAL NUMBER: 09452954
PATENT NUMBER:

FILING DATE: 12/02/1999
ISSUE DATE:

LAWAN FLETCHER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

**Assignment of Right Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
5698-059

This is an Assignment of the following rights, title and interest: (check all that apply):

☒ *United States of America rights, title and interest in the invention*

☒ *Foreign rights, title and interest in the invention*

☐ *United States Patent Application Serial No.* _____

Date of Execution: _____

Date of Filing: _____

☐ *United States Provisional Patent Application Serial No.* _____

☐ *United States Patent No(s).* _____

☐ *International (PCT) Patent Application Serial No.* _____

☐ *Other (specify)* _____

Title of the Invention

ITEM HANDLER FOR SORTING AND PACKING

Inventors (assignors)

| <i>Name</i> | <i>Address</i> |
|------------------------|--|
| Ronald Dean Smith, Jr. | 34 Deer Run Circle, McCook, South Dakota 57049 |
| Larry W. Fallin | 425 N. Royal Troon, Dakota Dunes, South Dakota 57059 |
| Andrew S. Courier | 72 Elyse Road, Mansfield, Massachusetts 02048 |
| Stephen N. Forti | 4 Garfield Avenue, Stoneham, Massachusetts 02180 |
| William G. Leary | 14 School Street, Upton, Massachusetts 01568 |
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Assignee

| <i>Name</i> | <i>Address</i> |
|-------------|--|
| IBP, inc. | 800 Stevens Port Drive Dakota Dunes, South Dakota 57049-8726 United States |

**Assignment of Right Title and Interest in Invention
(Multiple Inventors; single assignee)**

Docket No.
5698-059

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

| <i>Name</i> | <i>Signature/Date</i> |
|------------------------|-----------------------|
| Ronald Dean Smith, Jr. | |
| Larry W. Fallin | |
| Andrew S. Courier | |
| Stephen N. Forti | |
| William G. Leary | |
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Assignment of Right Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
5698-059

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this _____ day of _____, in the year _____

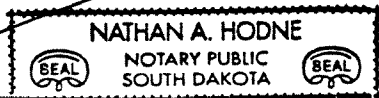
at _____

State of South Dakota

County of Union

Before me personally appeared Ronald Dean Smith, Jr.

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 15th day of November, in the year 1999



[Signature]
(Notary Public)

Executed this 15th day of November, in the year 1999

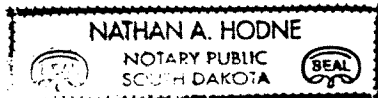
at Dakota Dunes, South Dakota

State of South Dakota

County of Union

Before me personally appeared Larry W. Fallin

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 15th day of November, in the year 1999



[Signature]
(Notary Public)

Executed this 3rd day of NOVEMBER, in the year 1999

at WALTHAM, MASSACHUSETTS

State of Massachusetts

County of Middlesex

Before me personally appeared Andrew S. Courier

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 3rd day of November, in the year 1999

[Signature]
(Notary Public)

Assignment of Right Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
5698-059

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 3RD day of NOVEMBER, in the year 1999
at WALTHAM, MASSACHUSETTS

Stephen N. Forti
(Signature of Inventor)

State of Massachusetts

County of Middlesex

Before me personally appeared Stephen N. Forti
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 3rd day of November, in the year 1999

Michelle J. Burke
(Notary Public)

Executed this 3RD day of NOVEMBER, in the year 1999
at WALTHAM, MASSACHUSETTS

William G. Leary
(Signature of Inventor)

State of Massachusetts

County of Middlesex

Before me personally appeared William G. Leary
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 3rd day of November, in the year 1999

Michelle J. Burke
(Notary Public)

Executed this _____ day of _____, in the year _____
at _____

(Signature of Inventor)

State of _____

County of _____

Before me personally appeared _____
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this _____ day of _____, in the year _____

(Notary Public)

**Assignment of Right, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
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☒ *United States of America rights, title and interest in the invention*

☒ *Foreign rights, title and interest in the invention*

☐ *United States Patent Application Serial No.* _____

Date of Execution: _____

Date of Filing: _____

☐ *United States Provisional Patent Application Serial No.* _____

☐ *United States Patent No(s).* _____

☐ *International (PCT) Patent Application Serial No.* _____

☐ *Other (specify)* _____

Title of the Invention

Item Handler For Sorting And Packing

Inventors (assignors)

| <i>Name</i> | <i>Address</i> |
|-----------------------|--|
| Ronald Dean Smith Jr. | 34 Deer Run Circle, McCook, South Dakota 57049 |
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Assignee

| <i>Name</i> | <i>Address</i> |
|-------------|--|
| IBP, inc. | 800 Stevens Port Drive Dakota Dunes, South Dakota 57049 |

Assignment of Right Title and Interest in Invention
(Multiple Inventors; single assignee)

Docket No.
5698-059

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

| Name | Signature/Date |
|-----------------------|------------------------------------|
| Ronald Dean Smith Jr. | Ronald Dean Smith Jr. Aug 24, 1999 |
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Assignment of Right Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
5698-059

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 24th day of August, in the year 1999

at

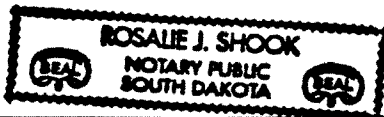
Ronald D. Smith Jr.
(Signature of Inventor)

State of South Dakota

County of Union

Before me personally appeared Ronald Dean Smith Jr.

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 24th day of August, in the year 1999



Rosalie J. Shook
(Notary Public)

Executed this _____ day of _____, in the year _____

at

(Signature of Inventor)

State of _____

County of _____

Before me personally appeared _____

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this _____ day of _____, in the year _____

(Notary Public)

Executed this _____ day of _____, in the year _____

at

(Signature of Inventor)

State of _____

County of _____

Before me personally appeared _____

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this _____ day of _____, in the year _____

(Notary Public)