

8-13-98

08-28-1998

Form PTO-1594 (Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

REC



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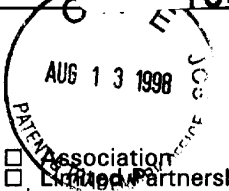
U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks, 100805525 ... attached original documents or copy thereof.

1. Name of conveying party(ies):  
Marquip, Inc.

Individual(s)  
 General Partnership  
 Corporation-State Wisconsin  
 Other \_\_\_\_\_

Additional name(s) of conveying party(ies) attached?  Yes  No



2. Name and address of receiving party(ies):  
Name: M&I Marshall & Ilsley Bank, as agent for itself and Firstar Bank Milwaukee, N.A.  
Internal Address: \_\_\_\_\_  
Street Address: 770 North Water Street  
City: Milwaukee State: WI Zip: 53202

Individual(s) citizenship \_\_\_\_\_  
 Association \_\_\_\_\_  
 General Partnership \_\_\_\_\_  
 Limited Partnership \_\_\_\_\_  
 Corporate-State Wisconsin  
 Other \_\_\_\_\_

If assignee is not domiciled in the United States, a domestic representative designation is attached:  Yes  No  
(Designations must be a separate document from assignment)  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  
 Security Agreement  
 Other \_\_\_\_\_

Merger  
 Change of Name

Execution Date: April 10, 1998

4. Application number(s) or registration number(s):  
A. Trademark Application No.(s)  
(see attached list)

B. Trademark Registration No.(s)  
(see attached list)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Marta S. Levine  
Internal Address: \_\_\_\_\_

09/28/1998 INQUIRY 00000020 170055 75428235  
01 FC:481 40.00 CH  
02 FC:482 300.00 CH

Street Address: Quarles & Brady  
411 East Wisconsin Avenue  
City: Milwaukee State: Wisconsin Zip: 53202

6. Total number of applications and registrations involved: 13

7. Total Fee (37 CFR 3.41) .....\$ 340.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number  
17-0055

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Marta S. Levine Marta Levine \_\_\_\_\_ August 12, 1998  
Name of person signing Signature Date

Total number of pages including cover sheet, attachments, and document: 80

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

TRADEMARK  
REEL: 1773 FRAME: 0047

Attachment to Recordation Form Cover Sheet - Trademarks

Conveying Party: Marquip, Inc.

Receiving Party: M&I Marshall & Ilsley Bank, as agent for itself and Firststar Bank  
Milwaukee, N.A.

Security Agreement

Receiving Parties:

M&I Marshall & Ilsley Bank  
(a Wisconsin corporation)  
770 North Water Street  
Milwaukee, WI 53202

Firststar Bank Milwaukee, N.A.  
(a National association)  
777 East Wisconsin Avenue  
Milwaukee, WI 53202

Attachment to Recordation Form Cover Sheet - Trademarks

Conveying Party: Marquip, Inc.  
Receiving Party: M&I Marshall & Ilsley Bank, as agent for itself and Firststar Bank  
Milwaukee, N.A.  
Security Agreement

**Trademark Application Nos.:**

<u>Mark</u>	<u>Serial No.</u>	<u>Filing Date</u>
PYROBOND	75/428,235	02/03/98
PYROBOARD	75/397,587	12/01/97
PYROBOX	75/397,586	12/01/97
PYROPULL	75/301,796	06/02/97
PYRO	75/301,795	06/02/97
PILLAR and Design	75/175,975	10/02/96
PYRO PRESS	75/169,491	09/20/96
PYRO PLATEN	75/169,483	09/20/96

**Trademark Registration Nos.:**

<u>Mark</u>	<u>Reg. No.</u>	<u>Issue Date</u>
RAZORSLIT	1,805,111	11/16/93
RAZOR SET	1,841,182	06/21/94
TWIN BOX	1,848,986	08/09/94
QUICKSET	1,435,311	04/07/87
MARQUIP, INC.	1,317,670	02/05/85

## SECURITY AGREEMENT

THIS SECURITY AGREEMENT is made as of April 10, 1998, by and between MARQUIP, INC. ("Borrower") and M&I MARSHALL & ILSLEY BANK ("M&I"), acting as agent hereunder for the Lenders hereinafter identified and defined (M&I acting as such agent and any successor or successors to M&I acting in such capacity being hereinafter referred to as the "Agent").

IN CONSIDERATION of the credit extended now and in the future by M&I and the Lenders to Borrower and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed that:

### ARTICLE I DEFINITIONS

When used in this Security Agreement, the following terms shall have the meanings specified:

1.1 Accounts. "Accounts" shall mean all accounts, including without limitation all rights to payment for goods sold or services rendered that are not evidenced by instruments or chattel paper, whether or not earned by performance, and any associated rights thereto.

1.2 Agent. "Agent" shall mean M&I acting as Agent under this Security Agreement for the Lenders and any successor or successors to M&I acting in such capacity and shall also mean M&I as Agent or a lender or secured party under any other Obligations of the Borrower to M&I.

1.3 Borrower. "Borrower" shall mean Marquip, Inc., a Wisconsin corporation.

1.4 Collateral. "Collateral" shall mean all properties and assets of Borrower, wherever located, whether tangible or intangible, and whether now owned or hereafter acquired or arising, including without limitation:

- (a) all Inventory and documents relating to Inventory;
- (b) all Accounts and documents relating to Accounts;
- (c) all rents, issues, profits, income, revenues and receipts derived in any fashion;
- (d) all goods, equipment and fixtures, including without limitation machinery, furniture, vehicles and trade fixtures;
- (e) all general intangibles (including without limitation customer lists; sales records and other business records; contract rights; income tax refunds; insurance policies and

insurance proceeds; causes of action; and licenses; permits; franchises; patents, including but not limited to the patents and registrations therefor set forth on Schedule 1 hereto; copyrights, including but not limited to the copyrights and registrations therefor set forth on Schedule 2 hereto; trademarks, including but not limited to the trademarks and registrations therefor set forth on Schedule 3 hereto; trade names; or rights to any of the foregoing and the goodwill related thereto); chattel paper; documents and instruments;

(f) all motor vehicles;

(g) cash and cash equivalents deposited with or delivered to the Agent from time to time and pledged as additional security for the Obligations; and

(h) all additions and accessions to, all spare and repair parts, special tools, equipment and replacements for, and all proceeds and products of, any and all of the foregoing.

1.5 Event of Default. "Event of Default" shall have the meaning specified in the Loan Agreement.

1.6 Inventory. "Inventory" shall mean any and all goods and inventory, including without limitation goods in transit, wheresoever located, whether now owned or hereafter acquired by Borrower, which are held for sale, lease or demonstration, furnished or to be furnished under any contract of service, goods leased to others, goods held as raw materials, work in process or supplies, and all materials used or consumed in Borrower's business, and shall include property the sale or other disposition of which has given rise to Accounts and which has been returned to or repossessed or stopped in transit by Borrower.

1.7 Lenders. "Lenders" shall mean those lenders which are now or which from time to time hereafter become party to the Loan Agreement.

1.8 Liens. "Liens" shall have the meaning specified in the Loan Agreement.

1.9 Loan Agreement. "Loan Agreement" shall mean the Loan Agreement dated as of March 1, 1996, as the same shall be amended from time to time in accordance with the terms thereof, by and between Borrower, M&I, individually as a Lender and as the Agent and Firstar Bank Milwaukee N.A., as a Lender and such other Lenders as may from time to time become a party to such Loan Agreement, together with the Exhibits and Schedules attached thereto.

1.10 M&I. "M&I" shall mean M&I Marshall & Ilsley Bank, a Wisconsin banking corporation.

1.11 Notes. "Notes" shall mean the Revolving Credit Notes issued by Borrower payable to each of the Lenders under the Loan Agreement in the initial aggregate principal amount of \$55,000,000.00 and evidencing the revolving credit loans made pursuant to the Loan Agreement, as such Revolving Credit Notes may be amended, modified, extended, substituted or renewed from time to time.

1.12 Obligations. "Obligations" shall mean: (a) the outstanding principal of, and all interest on, the Notes; and (b) all debts, liabilities, obligations, covenants and agreements of Borrower contained in the Loan Agreement and the Borrower's Documents (as defined in the Loan Agreement); and (c) all debts, liabilities, obligations, covenants and agreements of Borrower contained in this Security Agreement; (d) any and all other obligations of the Borrower to M&I and/or the Lenders in respect of letters of credit or letter of credit applications; and (e) any and all other debts, liabilities and obligations of Borrower to any of the Lenders.

1.13 Permitted Liens. "Permitted Liens" shall have the meaning specified in the Loan Agreement.

1.14 Person. "Person" shall mean and include an individual, partnership, corporation, trust, unincorporated association and any unit, department or agency of government.

1.15 Prime Rate. "Prime Rate" shall mean the rate of interest adopted by M&I from time to time as its base rate for interest determinations.

1.16 Security Agreement. "Security Agreement" shall mean this Security Agreement, together with Schedules attached hereto, as the same shall be amended from time to time in accordance with the terms hereof.

1.17 Security Interest. "Security Interest" shall mean the security interest of the Agent for the ratable benefit of the Lenders in the Collateral granted by Borrower pursuant to this Security Agreement.

1.18 UCC. "UCC" shall mean the Uniform Commercial Code as adopted in Wisconsin and in effect from time to time.

## ARTICLE II THE SECURITY INTEREST; REPRESENTATIONS AND WARRANTIES

2.1 The Security Interest. To secure the full and complete payment and performance when due (whether at stated maturity, by acceleration, or otherwise) of each of the Obligations, Borrower hereby grants to the Agent for the ratable benefit of the Lenders a first priority security interest in all of Borrower's right, title and interest in and to the Collateral.

2.2 Representations and Warranties. Borrower hereby represents and warrants to the Agent and the Lenders that:

(a) The books and records of Borrower with respect to the Collateral are located only at the location(s) listed on Schedule 4 attached to this Security Agreement.

(b) The tangible Collateral is located only at the location(s) listed on Schedule 4 attached to this Security Agreement, as amended in writing by the Borrower and the Agent from time to time, except for inventory in an aggregate amount of not to exceed \$4,000,000 may be located at other locations.

(c) The chief executive office and chief place of business of Borrower are located at 1300 North Airport Road, Phillips, Wisconsin 54555-0028.

(d) Borrower has good and marketable title to, or valid leasehold interest in, all of the Collateral and there are no Liens on any of the Collateral except for Permitted Liens.

#### ARTICLE III AGREEMENTS OF BORROWER

From and after the date of this Security Agreement and until: (i) all Obligations are performed and paid in full; (ii) the commitment of the Lenders to make loans under Section 1.1 of the Loan Agreement has ended; (iii) all term loans made under the Loan Agreement have been paid in full; and (iv) there are no outstanding Letters of Credit (as defined in the Loan Agreement), Borrower shall:

3.1 Sale of Collateral. Not sell or otherwise dispose of Collateral or any interest therein, except provided that no Event of Default has occurred and is continuing, as permitted pursuant to Section 4.4 of the Loan Agreement. Notwithstanding the foregoing, if an Event of Default has occurred, the Borrower may continue to sell inventory in the ordinary course of business unless otherwise notified by the Agent.

3.2 Maintenance of Security Interest. (a) At the expense of Borrower, defend the Security Interest against any and all claims of any Person adverse to the Agent or any Lender, except for Persons holding Permitted Liens, and take such action and execute such financing statements and other documents as the Agent may from time to time reasonably request to maintain the perfected status of the Security Interest. Borrower shall not further encumber or grant a security interest in any of the Collateral except for Permitted Liens without the prior written consent of the Agent.

(b) Upon the request of the Agent, note, or cause to be noted, the Lien of the Agent for the ratable benefit of the Lenders on the certificate of title for any motor vehicle owned

by Borrower, and deliver to the Agent the original certificate of title for each such motor vehicle.

3.3 Locations. Give the Agent at least ten (10) days prior notice of Borrower's intention to relocate the Collateral or any of the books and records relating to the Collateral from the locations listed on Schedule 4, attached to this Security Agreement, in which event Schedule 4 shall be deemed amended to include the new location. Any additional filings or refilings reasonably requested by the Agent or any Lender as a result of any such relocation in order to maintain the Security Interest in the Collateral shall be at Borrower's expense.

3.4 Insurance. (a) Borrower shall keep the tangible Collateral insured in accordance with the terms of the Loan Agreement. In addition, Borrower shall obtain and maintain at its own expense the following insurance, which shall be with insurers satisfactory to the Agent: "all risks" property insurance (including without limitation fire, water damage, collapse, windstorm, hail, boiler and machinery, if applicable, sewer back-up and business interruption or "extra expense" insurance and insurance against such other risks of loss as the Agent reasonably may require), against loss of or damage to the Collateral, in amounts not less than the one hundred percent (100%) replacement cost of all the tangible Collateral, with a replacement cost agreed amount endorsement.

(b) Each property insurance policy shall name the Agent as lender's loss payee, and shall require the insurer to provide at least thirty (30) days' prior written notice to the Agent of any material change or cancellation of such policy. Each property insurance policy shall provide that any loss in excess of \$250,000 shall be payable to the Agent. The proceeds of any insurance from any damage to, or loss of, the Collateral shall be used by Borrower either to repair or replace the damaged or lost Collateral or to make a payment to the Agent in reduction of the Obligations; provided, however, that, (i) if an Event of Default has occurred and is continuing or (ii) in any event to the extent that such aggregate proceeds (net of expenses paid or incurred in the realization thereof) in respect of such damage or loss to Borrower's property exceeds \$250,000, such proceeds shall be paid over to and may be applied to the Agent, in its sole discretion, in reduction of the Obligations or be made available to Borrower for the repair or replacement of the Collateral damaged or lost. In the event that the proceeds of insurance are permitted or required to be applied in reduction of the Obligations, such proceeds shall be applied first in repayment of any outstanding term loans in the inverse order of maturity and then in repayment of revolving credit loans.

3.5 Change of Name or Address. Immediately advise the Agent in writing of any change of name or mailing address.



3.6 Liens. Not incur, create, assume or permit to be created or allowed to exist any Lien upon any of the Collateral, except Permitted Liens.

ARTICLE IV  
RIGHTS AND REMEDIES

4.1 The Agent's Right to Cure. In case of failure by Borrower to procure or maintain insurance, or to pay any fees, assessments, charges or taxes arising with respect to the Collateral, the Agent shall have the right, but shall not be obligated, to effect such insurance or pay such fees, assessments, charges or taxes, as the case may be, and, in that event, the cost thereof shall be payable by Borrower to the Agent immediately upon demand, together with interest at an annual rate equal to the Prime Rate plus two percent (2%) from the date of disbursement by the Agent to the date of payment by Borrower.

4.2 Rights of Parties. Upon the occurrence and during the continuance of an Event of Default, in addition to all the rights and remedies provided in the Loan Agreement or in Article 9 of the UCC and any other applicable law, the Agent may (but is under no obligation so to do):

(a) require Borrower to assemble the Collateral at a place designated by the Agent, which is reasonably convenient to the parties; and

(b) take physical possession of Inventory and other tangible Collateral and of Borrower's books and records pertaining to all Collateral that are necessary to properly administer and control the Collateral or the handling and collection of Collateral, and sell, lease or otherwise dispose of the Collateral in whole or in part, at public or private sale, on or off the premises of Borrower; and

(c) collect any and all money due or to become due and enforce in Borrower's name all rights with respect to the Collateral; and

(d) settle, adjust or compromise any dispute with respect to any Account; and

(e) receive and open mail addressed to Borrower; and

(f) on behalf of Borrower, endorse checks, notes, drafts, money orders, instruments or other evidences of payment.

4.3 Power of Attorney. Borrower does hereby constitute and appoint the Agent as Borrower's true and lawful attorney with full power of substitution for Borrower in Borrower's name, place and stead for the purposes of carrying out the provisions of this Security Agreement and taking any action and executing any instrument which the Agent may deem necessary or advisable to

accomplish the purposes hereof, which appointment is irrevocable and coupled with an interest.

4.4 Right to Collect Accounts. Upon the occurrence, and during the continuance, of an Event of Default and without limiting Borrower's obligations under the Loan Agreement: (a) Borrower authorizes the Agent to notify any and all debtors on the Accounts to make payment directly to the Agent (or to such place as the Agent may direct); (b) Borrower agrees, on written notice from the Agent, to deliver to the Agent promptly upon receipt thereof, in the form in which received (together with all necessary endorsements), all payments received by Borrower on account of any Account; and (c) the Agent may apply all such payments against the Obligations or at the Agent's option remit all or part of such payments to Borrower.

4.5 Reasonable Notice. Written notice, when required by law, sent to the address of Borrower at least ten (10) calendar days (counting the day of sending) before the date of a proposed disposition of the Collateral shall be reasonable notice.

4.6 Limitation on Duties Regarding Collateral. The Agent's and the Lenders' sole duty with respect to the custody, safekeeping and physical preservation of the Collateral in any of their possession, under Section 9-207 of the UCC or otherwise, shall be to deal with it in the same manner as the Agent or any Lender deals with similar property for its own account. Neither the Agent, nor any Lender nor any of their directors, officers, employees or agents, shall be liable for failure to demand, collect or realize upon any of the Collateral or for any delay in doing so or shall be under any obligation to sell or otherwise dispose of any Collateral upon the request of Borrower or otherwise.

4.7 Lock Box; Collateral Account. This Section 4.7 shall be effective only upon the occurrence of an Event of Default. If the Agent so requests, Borrower will direct each of its debtors on the Accounts to make payments due under the relevant Account or chattel paper directly to a special lock box to be under the control of the Agent. Borrower hereby authorizes and directs the Agent to deposit into a special collateral account to be established and maintained by the Agent all checks, drafts and cash payments received in said lock box. All deposits in said collateral account shall constitute proceeds of Collateral and shall not constitute payment of any Obligation. At its option, the Agent may, at any time, apply finally collected funds on deposit in said collateral account to the payment of the Obligations, in such order of application as the Agent may determine, or permit Borrower to withdraw all or any part of the balance on deposit in said collateral account. If a collateral account is so established, Borrower agrees that it will promptly deliver to the Agent, for deposit into said collateral account, all payments on Accounts and chattel paper received by it. All such payments shall be delivered to the Agent in the form received (except for Borrower's endorsement where necessary).

Until so deposited, all payments on Accounts and chattel paper received by Borrower shall be held in trust by Borrower for and as the property of the Agent and the Lenders and shall not be commingled with any funds or property of Borrower.

4.8 Application of Proceeds. The Agent shall apply the proceeds resulting from any sale or disposition of the Collateral in the following order of priority:

- (a) to the costs of any sale or other disposition;
- (b) to the expenses incurred by the Agent and the Lenders in connection with any sale or other disposition, including reasonable attorneys' fees;
- (c) to the payment of the Obligations then due and owing in any order selected by the Agent; and
- (d) to Borrower or to such other party legally entitled thereto.

4.9 Other Remedies. No remedy herein conferred upon the Agent or the Lenders is intended to be exclusive of any other remedy and each and every such remedy shall be cumulative and shall be in addition to every other remedy given under this Security Agreement, the Loan Agreement, the Notes, or now or hereafter existing at law or in equity or by statute or otherwise. No failure or delay on the part of the Agent or any Lender in exercising any right or remedy hereunder shall operate as a waiver thereof nor shall any single or partial exercise of any right hereunder preclude other or further exercise thereof or the exercise of any other right or remedy.

#### ARTICLE V MISCELLANEOUS

5.1 Expenses and Attorneys' Fees. Borrower shall pay all reasonable fees and expenses incurred by the Agent and the Lenders, including the reasonable fees of counsel, including in-house counsel, in connection with the preparation, administration and amendment of this Security Agreement and the administration, protection and enforcement of the rights of the Agent and the Lenders under this Security Agreement, or with respect to the Collateral, including without limitation the protection and enforcement of such rights in any bankruptcy, reorganization or insolvency proceeding involving Borrower both before and after judgment.

5.2 Setoff. Borrower agrees that the Agent and each Lender shall have all rights of set off and bankers' lien provided by applicable law, and in addition thereto, Borrower agrees that if at any time an Event of Default shall exist hereunder or under the Loan Agreement, any payment or other amount owing under the Obligations is then due to the Agent and/or any Lender, the Agent and each Lender may apply to the payment of such payment or other

amount any and all balances, credits, deposits, accounts or moneys of Borrower then or thereafter with the Agent or any Lender or any affiliate of the Agent or any Lender.

5.3 Assignability; Successors. Borrower's rights and liabilities under this Security Agreement are not assignable or delegable, in whole or in part, without the prior written consent of the Agent. The provisions of this Security Agreement shall inure to the benefit of and be binding upon the successors and assigns of the parties.

5.4 Survival. All agreements, representations and warranties made in this Security Agreement or in any document delivered pursuant to this Security Agreement shall survive the execution and delivery of this Security Agreement, and the delivery of any such document.

5.5 Governing Law. This Security Agreement shall be governed by, and construed and interpreted in accordance with, the laws of the State of Wisconsin applicable to contracts made and wholly performed within such state.

5.6 Counterparts; Headings. This Security Agreement may be executed in several counterparts, each of which shall be deemed an original, but such counterparts shall together constitute but one and the same agreement. The article and section headings in this Security Agreement are inserted for convenience of reference only and shall not constitute a part hereof.

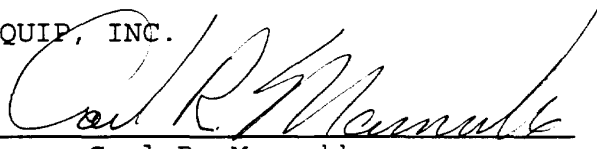
5.7 Notices. All communications or notices required or permitted by this Security Agreement shall be given in accordance with Section 9.7 of the Loan Agreement.

5.8 Amendment. No amendment of this Security Agreement shall be effective unless in writing and signed by Borrower and the Agent.

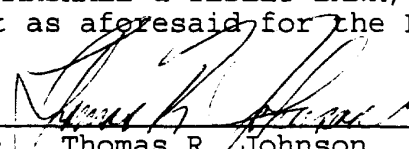
5.9 Severability. Any provision of this Security Agreement which is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions of this Security Agreement in such jurisdiction or affecting the validity or enforceability of any provision in any other jurisdiction.

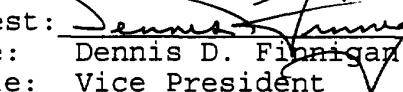
IN WITNESS WHEREOF, this Security Agreement has been executed as of the day and year first above written.

MARQUIP, INC.

By:   
Name: Carl R. Marschke  
Title: President

M&I MARSHALL & ILSLEY BANK, as Agent as aforesaid for the Lenders

By:   
Name: Thomas R. Johnson  
Title: Senior Vice President

Attest:   
Name: Dennis D. Finnigan  
Title: Vice President

SCHEDULE 1  
TO  
SECURITY AGREEMENT

PATENTS

QBMKE\4146865.6

TRADEMARK  
REEL: 1773 FRAME: 0060

SCHEDULE 1 TO SECURITY AGREEMENT

PATENTS

**Marquip Patent Status Report**

31-Mar-98

**Title:** Batch Feeder  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0001 **Status:** Granted **Case Type:** Reg  
**Appln No:** 772,763 **Filing Date:** 2/28/77 **Priority Date:**  
**Patent No:** 4,119,219 **Issue Date:** 10/10/78 **Related to:**

**Title:** Method of Web Splicing  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0002 **Status:** Granted **Case Type:** Reg  
**Appln No:** 793,552 **Filing Date:** 5/4/77 **Priority Date:**  
**Patent No:** 4,170,506 **Issue Date:** 10/9/79 **Related to:**

**Title:** Method of Web Splicing -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0002-C **Status:** Granted **Case Type:** Reg  
**Appln No:** 274,375 **Filing Date:** 3/21/77 **Priority Date:**  
**Patent No:** 1,063,578 **Issue Date:** 10/2/79 **Related to:** P0002

**Title:** Method of Web Splicing -- Spain  
**Country:** Spain **Owner:** Marquip, Inc.  
**Marquip No:** P0002-E **Status:** Granted **Case Type:** Reg  
**Appln No:** 457,073 **Filing Date:** 3/22/77 **Priority Date:**  
**Patent No:** 457,073 **Issue Date:** 1/18/78 **Related to:** P0002

**Title:** Paper Roll Web Splicing  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0003 **Status:** Granted **Case Type:** Reg  
**Appln No:** 906,592 **Filing Date:** 5/16/78 **Priority Date:**  
**Patent No:** 4,190,475 **Issue Date:** 2/26/80 **Related to:**

**Title:** Paper Roll Web Splicing -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0003-C **Status:** Granted **Case Type:** Reg  
**Appln No:** 327,739 **Filing Date:** 5/16/79 **Priority Date:** 5/16/78  
**Patent No:** 1,108,582 **Issue Date:** 9/8/81 **Related to:** P0003

**Title:** Singling and Stacking of Conveyed Sheet Material  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0004 **Status:** Granted **Case Type:** Reg  
**Appln No:** 906,059 **Filing Date:** 5/15/78 **Priority Date:**  
**Patent No:** 4,200,276 **Issue Date:** 4/29/80 **Related to:**

**Title:** Sheet Feeding  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0005 **Status:** Granted **Case Type:** Reg  
**Appln No:** 920,654 **Filing Date:** 6/30/78 **Priority Date:**  
**Patent No:** 4,235,432 **Issue Date:** 11/25/80 **Related to:**

**Title:** Sheet Feeding -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0005-C **Status:** Granted **Case Type:** Reg  
**Appln No:** 330,264 **Filing Date:** 6/21/79 **Priority Date:** 6/30/78  
**Patent No:** 1,125,322 **Issue Date:** 6/8/82 **Related to:** P0005



**Title:** Sheet Feeding -- Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0005-D **Status:** Granted **Case Type:** Reg  
**Appln No:** P2926136.7 **Filing Date:** 6/28/79 **Priority Date:** 6/30/78  
**Patent No:** 2,926,136 **Issue Date:** 4/19/90 **Related to:** P0005

**Title:** Sheet Feeding -- UK  
**Country:** United Kingdom **Owner:** Marquip, Inc.  
**Marquip No:** P0005-U **Status:** Granted **Case Type:** Reg  
**Appln No:** 7922240 **Filing Date:** 6/26/79 **Priority Date:** 6/30/78  
**Patent No:** 2,024,174 **Issue Date:** 10/6/82 **Related to:** P0005

**Title:** Web Splicing  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0006 **Status:** Granted **Case Type:** Div  
**Appln No:** 030,475 **Filing Date:** 4/16/79 **Priority Date:**  
**Patent No:** 4,219,378 **Issue Date:** 8/26/80 **Related to:** P0002

**Title:** Shingled Sheet Alignment  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0007 **Status:** Granted **Case Type:** Reg  
**Appln No:** 18,603 **Filing Date:** 3/8/79 **Priority Date:**  
**Patent No:** 4,273,325 **Issue Date:** 6/16/81 **Related to:**

**Title:** Web Cutting  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0008 **Status:** Granted **Case Type:** Reg  
**Appln No:** 632,941 **Filing Date:** 7/20/84 **Priority Date:**  
**Patent No:** 4,548,112 **Issue Date:** 10/22/85 **Related to:**

**Title:** Web Cutting -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0008-C **Status:** Granted **Case Type:** Reg  
**Appln No:** 484,423 **Filing Date:** 6/19/85 **Priority Date:** 7/20/84  
**Patent No:** 1,251,128 **Issue Date:** 3/14/89 **Related to:** P0008

**Title:** Web Cutting -- Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0008-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 149,872/85 **Filing Date:** 7/8/85 **Priority Date:** 7/20/84  
**Patent No:** **Issue Date:** **Related to:** P0008

**Title:** Shingling and Stacking of Conveyed Sheet Material with Pre- Shingling Control of Sheet Feed  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0009 **Status:** Granted **Case Type:** Reg  
**Appln No:** 664,353 **Filing Date:** 10/24/84 **Priority Date:**  
**Patent No:** 4,598,901 **Issue Date:** 7/8/86 **Related to:**

**Title:** Shingling and Stacking of Conveyed Sheet Material with Pre- Shingling Control of Sheet Feed -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0009-C **Status:** Granted **Case Type:** Reg  
**Appln No:** 493,274 **Filing Date:** 10/18/85 **Priority Date:** 10/24/84  
**Patent No:** 1,252,127 **Issue Date:** 4/4/89 **Related to:** P0009

**Title:** Shingling and Stacking of Conveyed Sheet Material with Pre- Shingling Control of Sheet Feed -- Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0009-D **Status:** Granted **Case Type:** Reg  
**Appln No:** P3537898.0 **Filing Date:** 10/24/85 **Priority Date:** 10/24/84  
**Patent No:** 3,537,898 **Issue Date:** 7/13/95 **Related to:** P0009

**Title:** Shingling and Stacking of Conveyed Sheet Material with Pre- Shingling Control of Sheet Feed – France

**Country:** France **Owner:** Marquip, Inc.

**Marquip No:** P0009-F **Status:** Granted **Case Type:** Reg

**Appln No:** 8515658 **Filing Date:** 10/22/85 **Priority Date:** 10/24/84

**Patent No:** 2,573,737 **Issue Date:** 11/24/89 **Related to:** P0009

**Title:** Shingling and Stacking of Conveyed Sheet Material with Pre- Shingling Control of Sheet Feed – Japan

**Country:** Japan **Owner:** Marquip, Inc.

**Marquip No:** P0009-JP **Status:** Granted **Case Type:** Reg

**Appln No:** 236,254/85 **Filing Date:** 10/22/85 **Priority Date:** 10/24/84

**Patent No:** 2,519,028 **Issue Date:** 5/17/96 **Related to:** P0009

**Title:** Shingling and Stacking of Conveyed Sheet Material with Pre- Shingling Control of Sheet Feed – Mexico

**Country:** Mexico **Owner:** Marquip, Inc.

**Marquip No:** P0009-M **Status:** Granted **Case Type:** Reg

**Appln No:** 378 **Filing Date:** 10/24/85 **Priority Date:** 10/24/84

**Patent No:** 172,332 **Issue Date:** 12/13/93 **Related to:** P0009

**Title:** Shingling and Stacking of Conveyed Sheet Material with Pre- Shingling Control of Sheet Feed – UK

**Country:** United Kingdom **Owner:** Marquip, Inc.

**Marquip No:** P0009-U **Status:** Granted **Case Type:** Reg

**Appln No:** 8525938 **Filing Date:** 10/21/85 **Priority Date:** 10/24/84

**Patent No:** 2,165,824 **Issue Date:** 1/27/88 **Related to:** P0009

**Title:** Slitting-Scoring Machine  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0010 **Status:** Granted **Case Type:** Reg  
**Appln No:** 779,153 **Filing Date:** 9/23/85 **Priority Date:**  
**Patent No:** 4,627,214 **Issue Date:** 12/9/86 **Related to:**

**Title:** Slitting - Scoring Machine  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0010-C **Status:** Granted **Case Type:** Reg  
**Appln No:** 514,785 **Filing Date:** 7/28/86 **Priority Date:** 9/23/85  
**Patent No:** 1,264,028 **Issue Date:** 12/27/89 **Related to:** P0010

**Title:** Shingling of Delicate Conveyed Sheet Material  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0011 **Status:** Granted **Case Type:** Reg  
**Appln No:** 024,344 **Filing Date:** 3/10/87 **Priority Date:**  
**Patent No:** 4,776,577 **Issue Date:** 10/11/88 **Related to:**

**Title:** Shingling of Delicate Conveyed Sheet Material -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0011-C **Status:** Granted **Case Type:** Reg  
**Appln No:** 559,701 **Filing Date:** 2/24/88 **Priority Date:** 3/10/87  
**Patent No:** 1,301,205 **Issue Date:** 5/19/92 **Related to:** P0011

**Title:** Shingling of Delicate Conveyed Sheet Material -- Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0011-D **Status:** Filed **Case Type:** Reg  
**Appln No:** P3805779.4 **Filing Date:** 2/24/88 **Priority Date:** 3/10/87  
**Patent No:** **Issue Date:** **Related to:** P0011

**Title:** Shingling of Delicate Conveyed Sheet Material -- UK  
**Country:** United Kingdom **Owner:** Marquip, Inc.  
**Marquip No:** P0011-U **Status:** Granted **Case Type:** Reg  
**Appln No:** 8803903 **Filing Date:** 2/19/88 **Priority Date:** 3/10/87  
**Patent No:** 2,201,953 **Issue Date:** 12/19/90 **Related to:** P0011

**Title:** Adaptive Torque Control of Cutoff Knife Pull Roll  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0012 **Status:** Granted **Case Type:** Reg  
**Appln No:** 113,552 **Filing Date:** 10/26/87 **Priority Date:**  
**Patent No:** 4,809,573 **Issue Date:** 3/7/89 **Related to:**

**Title:** Adaptive Torque Control of Cutoff Knife Pull Roll -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0012-C **Status:** Granted **Case Type:** Reg  
**Appln No:** 579,926 **Filing Date:** 10/12/88 **Priority Date:** 10/26/87  
**Patent No:** 1,288,330 **Issue Date:** 9/3/91 **Related to:** P0012

**Title:** Adaptive Torque Control of Cutoff Knife Pull Roll -- Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0012-D **Status:** Filed **Case Type:** Reg  
**Appln No:** P3836505.7 **Filing Date:** 10/26/88 **Priority Date:** 10/26/87  
**Patent No:** **Issue Date:** **Related to:** P0012

**Title:** Adaptive Torque Control of Cutoff Knife Pull Roll -- France  
**Country:** France **Owner:** Marquip, Inc.  
**Marquip No:** P0012-F **Status:** Granted **Case Type:** Reg  
**Appln No:** 8813961 **Filing Date:** 10/26/88 **Priority Date:** 10/26/87  
**Patent No:** 8,813,961 **Issue Date:** 10/23/92 **Related to:** P0012

**Title:** Adaptive Torque Control of Cutoff Knife Pull Roll -- Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0012-JP **Status:** Granted **Case Type:** Reg  
**Appln No:** 255,766/1988 **Filing Date:** 10/11/88 **Priority Date:** 10/26/87  
**Patent No:** Never issued **Issue Date:** **Related to:** P0012

**Title:** Folding of Paperboard Sheets and the Like  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0013 **Status:** Granted **Case Type:** Reg  
**Appln No:** 103,026 **Filing Date:** 9/30/87 **Priority Date:**  
**Patent No:** 4,834,696 **Issue Date:** 5/30/89 **Related to:**

**Title:** Folding of Paperboard Sheets and the Like -- Brazil  
**Country:** Brazil **Owner:** Marquip, Inc.  
**Marquip No:** P0013-B **Status:** Granted **Case Type:** Reg  
**Appln No:** P18804995 **Filing Date:** 9/27/88 **Priority Date:** 9/30/87  
**Patent No:** P18804995 **Issue Date:** 5/25/93 **Related to:** P0013

**Title:** Folding of Paperboard Sheets and the Like -- Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0013-D **Status:** Filed **Case Type:** Reg  
**Appln No:** P3831412.6 **Filing Date:** 9/15/88 **Priority Date:** 9/30/87  
**Patent No:** **Issue Date:** **Related to:** P0013

**Title:** Folding of Paperboard Sheets and the Like -- France  
**Country:** France **Owner:** Marquip, Inc.  
**Marquip No:** P0013-F **Status:** Granted **Case Type:** Reg  
**Appln No:** 88-12862 **Filing Date:** 9/30/88 **Priority Date:** 9/30/87  
**Patent No:** 2,621,025 **Issue Date:** 7/23/93 **Related to:** P0013

**Title:** Folding of Paperboard Sheets and the Like – UK  
**Country:** United Kingdom **Owner:** Marquip, Inc.  
**Marquip No:** P0013-U **Status:** Granted **Case Type:** Reg  
**Appln No:** 8821915.9 **Filing Date:** 9/1/88 **Priority Date:** 9/30/87  
**Patent No:** 2,210,321 **Issue Date:** 1/8/92 **Related to:** P0013

**Title:** Handling, Including Squaring of Conveyed Shingled Sheets  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0014 **Status:** Granted **Case Type:** Reg  
**Appln No:** 251,121 **Filing Date:** 9/29/88 **Priority Date:**  
**Patent No:** 4,919,414 **Issue Date:** 4/24/90 **Related to:**

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0015 **Status:** Granted **Case Type:** Reg  
**Appln No:** 409,112 **Filing Date:** 9/19/89 **Priority Date:**  
**Patent No:** 4,985,012 **Issue Date:** 1/15/91 **Related to:**

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0015-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,065,726 **Filing Date:** 3/12/92 **Priority Date:** 9/18/90  
**Patent No:** **Issue Date:** **Related to:** P0015-WP

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks – Switzerland  
**Country:** Switzerland **Owner:** Marquip, Inc.  
**Marquip No:** P0015-C **Status:** Granted **Case Type:** Reg  
**Appln No:** 90913920.6 **Filing Date:** 9/18/90 **Priority Date:** 9/18/90  
**Patent No:** 493,440 **Issue Date:** 7/6/94 **Related to:** P0015-EP

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks -- Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0015-D **Status:** Granted **Case Type:** Reg  
**Appln No:** 90913920.6 **Filing Date:** 9/18/90 **Priority Date:** 9/18/90  
**Patent No:** P69010505.3 **Issue Date:** 7/6/94 **Related to:** P0015-EP

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0015-E **Status:** Granted **Case Type:** Reg  
**Appln No:** 90913920.6 **Filing Date:** 3/6/92 **Priority Date:** 9/18/90  
**Patent No:** 0493440 **Issue Date:** 7/6/94 **Related to:** P0015-WP

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks -- Spain  
**Country:** Spain **Owner:** Marquip, Inc.  
**Marquip No:** P0015-E **Status:** Granted **Case Type:** Reg  
**Appln No:** 90913920.6 **Filing Date:** 9/18/90 **Priority Date:** 9/18/90  
**Patent No:** 493,440 **Issue Date:** 7/6/94 **Related to:** P0015-EP

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks -- France  
**Country:** France **Owner:** Marquip, Inc.  
**Marquip No:** P0015-F **Status:** Granted **Case Type:** Reg  
**Appln No:** 90913920.6 **Filing Date:** 9/18/90 **Priority Date:** 9/18/90  
**Patent No:** 493,440 **Issue Date:** 7/6/94 **Related to:** P0015-EP

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks -- Italy  
**Country:** Italy **Owner:** Marquip, Inc.  
**Marquip No:** P0015-IT **Status:** Granted **Case Type:** Reg  
**Appln No:** 90913920.6 **Filing Date:** 9/18/90 **Priority Date:** 9/18/90  
**Patent No:** 493,440 **Issue Date:** 7/6/94 **Related to:** P0015-EP



**Title:** Apparatus for Stripping Scrap from Die Cut Blanks -- Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0015-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 513906/90 **Filing Date:** 5/12/92 **Priority Date:** 9/18/90  
**Patent No:** **Issue Date:** **Related to:** P0015-WP

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks -- Korea  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0015-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 700610/1992 **Filing Date:** 3/18/92 **Priority Date:** 9/18/90  
**Patent No:** **Issue Date:** **Related to:** P0015-WP

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks -- Sweden  
**Country:** Sweden **Owner:** Marquip, Inc.  
**Marquip No:** P0015-S **Status:** Granted **Case Type:** Reg  
**Appln No:** 90913920.6 **Filing Date:** 9/18/90 **Priority Date:** 9/18/90  
**Patent No:** 493,440 **Issue Date:** 7/6/94 **Related to:** P0015-EP

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks  
**Country:** United Kingdom **Owner:** Marquip, Inc.  
**Marquip No:** P0015-U **Status:** Granted **Case Type:** Reg  
**Appln No:** 90913920.6 **Filing Date:** 9/18/90 **Priority Date:** 9/18/90  
**Patent No:** 493,440 **Issue Date:** 7/6/94 **Related to:** P0015-EP

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks  
**Country:** PCT **Owner:** Marquip, Inc.  
**Marquip No:** P0015-W **Status:** Completed **Case Type:** Reg  
**Appln No:** PCT/US90/05 **Filing Date:** **Priority Date:** 9/18/90  
**Patent No:** **Issue Date:** **Related to:** P0015

**Title:** System for Changing the Speed of Conveyed Sheets While Holding Register  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0016 **Status:** Granted **Case Type:** Reg  
**Appln No:** 502,175 **Filing Date:** 3/30/90 **Priority Date:**  
**Patent No:** 4,987,991 **Issue Date:** 1/29/91 **Related to:**

**Title:** System for Changing the Speed of Conveyed Sheets While Holding Register -- EPC  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0016-E **Status:** Completed **Case Type:** Reg  
**Appln No:** 91907747.9 **Filing Date:** 12/20/91 **Priority Date:** 3/30/90  
**Patent No:** 487,659 **Issue Date:** 7/13/94 **Related to:** P0016-WP

**Title:** System for Changing the Speed of Conveyed Sheets While Holding Register -- PCT  
**Country:** Patent Cooperation Trea **Owner:** Marquip, Inc.  
**Marquip No:** P0016-W **Status:** Completed **Case Type:** Reg  
**Appln No:** PCT/US91/02 **Filing Date:** 3/26/91 **Priority Date:** 3/30/90  
**Patent No:** **Issue Date:** **Related to:** P0016

**Title:** In-Line Package Strapping System  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0017 **Status:** Granted **Case Type:** Reg  
**Appln No:** 365,091 **Filing Date:** 6/12/89 **Priority Date:**  
**Patent No:** 4,989,397 **Issue Date:** 2/5/91 **Related to:**

**Title:** In-Line Package Strapping System -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0017-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,017,944 **Filing Date:** 5/31/90 **Priority Date:** 6/12/89  
**Patent No:** **Issue Date:** **Related to:** P0017

**Title:** In-Line Package Strapping System -- EPC  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0017-E **Status:** Granted **Case Type:** Reg  
**Appln No:** 90306307.1 **Filing Date:** 6/8/90 **Priority Date:** 6/12/89  
**Patent No:** 403,190 **Issue Date:** 1/26/94 **Related to:** P0017

**Title:** In-Line Package Strapping System -- Spain  
**Country:** Spain **Owner:** Marquip, Inc.  
**Marquip No:** P0017-E **Status:** Pending Court A **Case Type:** Reg  
**Appln No:** **Filing Date:** 8/25/94 **Priority Date:** 6/12/89  
**Patent No:** **Issue Date:** **Related to:** P0017-EP

**Title:** In-Line Package Strapping System -- Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0017-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 151,784/1990 **Filing Date:** 6/12/90 **Priority Date:** 6/12/89  
**Patent No:** **Issue Date:** **Related to:** P0017

**Title:** Apparatus for Stripping Scrap from Die Cut Blanks  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0018 **Status:** Granted **Case Type:** CIP  
**Appln No:** 528,847 **Filing Date:** 5/25/90 **Priority Date:**  
**Patent No:** 5,049,122 **Issue Date:** 9/17/91 **Related to:** P0015

**Title:** Directly Installed Shut-Off Valve Assembly for Flowing High Pressure Line  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0019 **Status:** Granted **Case Type:** Reg  
**Appln No:** 697,398 **Filing Date:** 5/9/91 **Priority Date:**  
**Patent No:** 5,076,311 **Issue Date:** 12/31/91 **Related to:**

**Title:** Directly Installed Shut-Off Valve Assembly for Flowing High Pressure Line --Saudi Arabia  
**Country:** Saudi Arabia **Owner:** Marquip, Inc.  
**Marquip No:** P0019-S **Status:** Filed **Case Type:** Reg  
**Appln No:** 92120480 **Filing Date:** 5/3/92 **Priority Date:** 5/9/91  
**Patent No:** **Issue Date:** **Related to:** P0019

**Title:** System for Changing the Speed of Conveyed Sheets While Holding Register  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0020 **Status:** Granted **Case Type:** CIP  
**Appln No:** 638,121 **Filing Date:** 1/7/91 **Priority Date:** 3/30/90  
**Patent No:** 5,088,590 **Issue Date:** 2/18/92 **Related to:** P0016

**Title:** System for Changing the Speed of Conveyed Sheets While Holding Register -- Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0020-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 504,513/1992 **Filing Date:** 7/6/93 **Priority Date:** 1/7/91  
**Patent No:** **Issue Date:** **Related to:** P0020-WP

**Title:** System for Changing the Speed of Conveyed Sheets While Holding Register -- Korea  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0020-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 702021/93 **Filing Date:** 7/6/93 **Priority Date:** 1/7/91  
**Patent No:** **Issue Date:** **Related to:** P0020-WP

**Title:** System for Changing the Speed of Conveyed Sheets While Holding Register II -- PCT  
**Country:** Patent Cooperation Trea **Owner:** Marquip, Inc.  
**Marquip No:** P0020-W **Status:** Completed **Case Type:** Reg  
**Appln No:** PCT/US92/00 **Filing Date:** 1/7/92 **Priority Date:** 1/7/91  
**Patent No:** **Issue Date:** **Related to:** P0020

**Title:** Slitting Apparatus for Corrugated Paperboard and the Like -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0021-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,077,554 **Filing Date:** 9/3/92 **Priority Date:** 3/7/91  
**Patent No:** **Issue Date:** **Related to:** P0021-WP

**Title:** Slitting Apparatus for Corrugated Paperboard and the Like -- Switzerland  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0021-C **Status:** Granted **Case Type:** Reg  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** 505,508 **Issue Date:** 12/6/95 **Related to:** P0021-EP

**Title:** Slitting Apparatus for Corrugated Paperboard and the Like -- Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0021-D **Status:** Granted **Case Type:** Reg  
**Appln No:** **Filing Date:** 12/18/92 **Priority Date:** 3/7/91  
**Patent No:** G9116585.7 **Issue Date:** 7/8/93 **Related to:** P0021-EP

**Title:** Slitting Apparatus for Corrugated Paperboard and the Like -- EPC  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0021-E **Status:** Granted **Case Type:** Reg  
**Appln No:** 91906107.7 **Filing Date:** 4/29/92 **Priority Date:** 3/7/91  
**Patent No:** 505,508 **Issue Date:** 12/6/95 **Related to:** P0021-WP

**Title:** Slitting Apparatus for Corrugated Paperboard and the Like -- Spain  
**Country:** Spain **Owner:** Marquip, Inc.  
**Marquip No:** P0021-E **Status:** Granted **Case Type:** Reg  
**Appln No:** 91906107.7 **Filing Date:** 3/7/91 **Priority Date:** 3/8/90  
**Patent No:** 505,508 **Issue Date:** 12/6/95 **Related to:** P0021-EP

**Title:** Slitting Apparatus for Corrugated Paperboard and the Like -- France  
**Country:** France **Owner:** Marquip, Inc.  
**Marquip No:** P0021-F **Status:** Granted **Case Type:** Reg  
**Appln No:** 91906107.7 **Filing Date:** 3/7/91 **Priority Date:** 3/8/90  
**Patent No:** 505,508 **Issue Date:** 12/6/95 **Related to:** P0021-EP

**Title:** Slitting Apparatus for Corrugated Paperboard and the Like -- Italy  
**Country:** Italy **Owner:** Marquip, Inc.  
**Marquip No:** P0021-IT **Status:** Granted **Case Type:** Reg  
**Appln No:** 91906107.7 **Filing Date:** 3/7/91 **Priority Date:** 3/8/90  
**Patent No:** 505,508 **Issue Date:** 12/6/95 **Related to:** P0021-EP

**Title:** Slitting Apparatus for Corrugated Paperboard and the Like -- Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0021-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** HE13-506,189 **Filing Date:** 8/3/92 **Priority Date:** 3/7/91  
**Patent No:** **Issue Date:** **Related to:** P0021-WP

**Title:** Slitting Apparatus for Corrugated Paperboard and the Like -- UK  
**Country:** United Kingdom **Owner:** Marquip, Inc.  
**Marquip No:** P0021-U **Status:** Granted **Case Type:** Reg  
**Appln No:** 91906107.7 **Filing Date:** 3/7/91 **Priority Date:** 3/8/90  
**Patent No:** 505,508 **Issue Date:** 12/6/95 **Related to:** P0021-EP

**Title:** Slitting Apparatus for Corrugated Paperboard and the Like -- PCT  
**Country:** Patent Cooperation Trea **Owner:** Marquip, Inc.  
**Marquip No:** P0021-W **Status:** Completed **Case Type:** Reg  
**Appln No:** PCT/US91/01 **Filing Date:** **Priority Date:** 3/7/91  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Lift Locking System  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0022 **Status:** Granted **Case Type:** Reg  
**Appln No:** 702,599 **Filing Date:** 5/17/91 **Priority Date:**  
**Patent No:** 5,119,906 **Issue Date:** 6/9/92 **Related to:**

**Title:** Slitting Corrugated Paperboard Boxes  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0023 **Status:** Granted **Case Type:** Reg  
**Appln No:** 763,331 **Filing Date:** 9/20/91 **Priority Date:**  
**Patent No:** 5,158,522 **Issue Date:** 10/27/92 **Related to:**

**Title:** Slitting Corrugated Paperboard Boxes -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0023-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,118,692 **Filing Date:** 3/9/94 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0023-WP

**Title:** Slitting Corrugated Paperboard Boxes -- Switzerland  
**Country:** Switzerland **Owner:** Marquip, Inc.  
**Marquip No:** P0023-C **Status:** Granted **Case Type:** Reg  
**Appln No:** 92920973.2 **Filing Date:** 9/14/92 **Priority Date:** 9/20/91  
**Patent No:** 604,583 **Issue Date:** 8/30/95 **Related to:** P0023-EP

**Title:** Slitting Corrugated Paperboard Boxes -- Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0023-D **Status:** Filed **Case Type:** Reg  
**Appln No:** 4,293,458.3 **Filing Date:** 3/21/94 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0023-WP

**Title:** Slitting Corrugated Paperboard Boxes – EPO  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0023-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 92920973.2 **Filing Date:** 3/8/94 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0023-WP

**Title:** Slitting Corrugated Paperboard Boxes – Spain  
**Country:** Spain **Owner:** Marquip, Inc.  
**Marquip No:** P0023-E **Status:** Granted **Case Type:** Reg  
**Appln No:** 92920973.2 **Filing Date:** 9/14/92 **Priority Date:** 9/20/91  
**Patent No:** 604,583 **Issue Date:** 8/30/95 **Related to:** P0023-EP

**Title:** Slitting Corrugated Paperboard Boxes – France  
**Country:** France **Owner:** Marquip, Inc.  
**Marquip No:** P0023-F **Status:** Granted **Case Type:** Reg  
**Appln No:** 92920973.2 **Filing Date:** 9/14/92 **Priority Date:** 9/20/91  
**Patent No:** 604,583 **Issue Date:** 8/30/95 **Related to:** P0023-EP

**Title:** Slitting Corrugated Paperboard Boxes – Italy  
**Country:** Italy **Owner:** Marquip, Inc.  
**Marquip No:** P0023-IT **Status:** Granted **Case Type:** Reg  
**Appln No:** 92920973.2 **Filing Date:** 9/14/92 **Priority Date:** 9/20/91  
**Patent No:** 604,583 **Issue Date:** 8/30/95 **Related to:** P0023-EP

**Title:** Slitting Corrugated Paperboard Boxes – Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0023-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 506,140/1992 **Filing Date:** 4/12/94 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0023-WP



**Title:** Slitting Corrugated Paperboard Boxes -- Korea  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0023-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 706,892/1994 **Filing Date:** 3/19/94 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0023-WP

**Title:** Slitting Corrugated Paperboard Boxes -- Sweden  
**Country:** Sweden **Owner:** Marquip, Inc.  
**Marquip No:** P0023-S **Status:** Filed **Case Type:** Reg  
**Appln No:** 9,400,906-5 **Filing Date:** 3/18/94 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0023-WP

**Title:** Slitting Corrugated Paperboard Boxes -- UK  
**Country:** United Kingdom **Owner:** Marquip, Inc.  
**Marquip No:** P0023-U **Status:** Granted **Case Type:** Reg  
**Appln No:** 9404597.8 **Filing Date:** 3/14/94 **Priority Date:** 9/20/91  
**Patent No:** 2,276,117 **Issue Date:** 2/8/95 **Related to:** P0023-WP

**Title:** Slitting Corrugated Paperboard Boxes -- PCT  
**Country:** Patent Cooperation Trea **Owner:** Marquip, Inc.  
**Marquip No:** P0023-W **Status:** Completed **Case Type:** Reg  
**Appln No:** PCT/US92/07 **Filing Date:** 9/14/92 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0023

**Title:** Directly Installed Shut-Off and Diverter Valve Assembly for Flowing Oil Well with Concentric Casings  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0024 **Status:** Granted **Case Type:** Reg  
**Appln No:** 736,972 **Filing Date:** 7/29/91 **Priority Date:**  
**Patent No:** 5,161,617 **Issue Date:** 11/10/92 **Related to:**

**Title:** Directly Installed Shut-Off and Diverter Valve Assembly for Flowing Oil Well with Concentric Casings – Saudi Arabia  
**Country:** Saudi Arabia **Owner:** Marquip, Inc.  
**Marquip No:** P0024-S **Status:** Filed **Case Type:** Reg  
**Appln No:** 92120340 **Filing Date:** 1/19/92 **Priority Date:** 7/29/91  
**Patent No:** **Issue Date:** **Related to:** P0024

**Title:** Apparatus and Method for Accessing the Casing of a Burning Oil Well  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0025 **Status:** Granted **Case Type:** Reg  
**Appln No:** 708,161 **Filing Date:** 5/31/91 **Priority Date:**  
**Patent No:** 5,161,614 **Issue Date:** 11/10/92 **Related to:**

**Title:** Apparatus and Method for Accessing the Casing of a Burning Oil Well – Saudi Arabia  
**Country:** Saudi Arabia **Owner:** Marquip, Inc.  
**Marquip No:** P0025-S **Status:** Filed **Case Type:** Reg  
**Appln No:** 92120339 **Filing Date:** 1/19/92 **Priority Date:** 5/31/91  
**Patent No:** **Issue Date:** **Related to:** P0025

**Title:** Slitting Shingled Sheets  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0026 **Status:** Granted **Case Type:** Reg  
**Appln No:** 763,333 **Filing Date:** 9/20/91 **Priority Date:**  
**Patent No:** 5,165,314 **Issue Date:** 11/24/92 **Related to:**

**Title:** Slitting Shingled Sheets – Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0026-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,118,691 **Filing Date:** 3/9/94 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0026-WP

**Title:** Slitting Shingled Sheets -- Switzerland  
**Country:** Switzerland **Owner:** Marquip, Inc.  
**Marquip No:** P0026-C **Status:** Granted **Case Type:** Reg  
**Appln No:** 92920454.3 **Filing Date:** 9/14/92 **Priority Date:** 9/20/91  
**Patent No:** 604,555 **Issue Date:** 11/22/95 **Related to:** P0026-EP

**Title:** Slitting Shingled Sheets -- Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0026-D **Status:** Filed **Case Type:** Reg  
**Appln No:** 4,293,457.5 **Filing Date:** 3/18/94 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0026-WP

**Title:** Slitting Shingled Sheets -- EPC  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0026-E **Status:** Granted **Case Type:** Reg  
**Appln No:** 92920454.3 **Filing Date:** 9/14/92 **Priority Date:** 9/20/91  
**Patent No:** 604,555 **Issue Date:** 11/22/95 **Related to:** P0026-WP

**Title:** Slitting Shingled Sheets -- Spain  
**Country:** Spain **Owner:** Marquip, Inc.  
**Marquip No:** P0026-E **Status:** Granted **Case Type:** Reg  
**Appln No:** 92920454.3 **Filing Date:** 9/14/92 **Priority Date:** 9/20/91  
**Patent No:** 2,083,192 **Issue Date:** 11/22/95 **Related to:** P0026-EP

**Title:** Slitting Shingled Sheets -- France  
**Country:** France **Owner:** Marquip, Inc.  
**Marquip No:** P0026-F **Status:** Granted **Case Type:** Reg  
**Appln No:** 92920454.3 **Filing Date:** 9/14/92 **Priority Date:** 9/20/91  
**Patent No:** 604,555 **Issue Date:** 11/22/95 **Related to:** P0026-EP

**Title:** Slitting Shingled Sheets -- Italy  
**Country:** Italy **Owner:** Marquip, Inc.  
**Marquip No:** P0026-IT **Status:** Granted **Case Type:** Reg  
**Appln No:** 92920454.3 **Filing Date:** 9/14/92 **Priority Date:** 9/20/91  
**Patent No:** 604,555 **Issue Date:** 11/22/95 **Related to:** P0026-EP

**Title:** Slitting Shingled Sheets -- Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0026-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 506,139/92 **Filing Date:** 4/12/94 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0026-WP

**Title:** Slitting Shingled Sheets -- Korea  
**Country:** Korea **Owner:** Marquip International, Inc.  
**Marquip No:** P0026-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 700891/1994 **Filing Date:** 3/19/94 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0026-WP

**Title:** Slitting Shingled Sheets -- Sweden  
**Country:** Sweden **Owner:** Marquip, Inc.  
**Marquip No:** P0026-S **Status:** Filed **Case Type:** Reg  
**Appln No:** 9,400,905-7 **Filing Date:** 3/18/94 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0026-WP

**Title:** Slitting Shingled Sheets -- UK  
**Country:** United Kingdom **Owner:** Marquip, Inc.  
**Marquip No:** P0026-U **Status:** Granted **Case Type:** Reg  
**Appln No:** 9,404,567.1 **Filing Date:** 3/14/94 **Priority Date:** 9/20/91  
**Patent No:** 2,275,013 **Issue Date:** 6/7/95 **Related to:** P0026-WP

**Title:** Slitting Shingled Sheets -- PCT  
**Country:** Patent Cooperation Trea **Owner:** Marquip, Inc.  
**Marquip No:** P0026-W **Status:** Completed **Case Type:** Reg  
**Appln No:** PCT/US92/07 **Filing Date:** 9/14/92 **Priority Date:** 9/20/91  
**Patent No:** **Issue Date:** **Related to:** P0026

**Title:** Roller Assembly for Paperboard Slitting Apparatus  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0027 **Status:** Granted **Case Type:** Reg  
**Appln No:** 921,811 **Filing Date:** 7/29/92 **Priority Date:**  
**Patent No:** 5,197,366 **Issue Date:** 3/30/93 **Related to:**

**Title:** System to Align and Square Boxes  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0028 **Status:** Granted **Case Type:** Reg  
**Appln No:** 873,380 **Filing Date:** 4/24/92 **Priority Date:**  
**Patent No:** 5,203,246 **Issue Date:** 4/20/93 **Related to:**

**Title:** Method and Apparatus for Laying Up Adhesive Backed Sheets  
**Country:** USA **Owner:** Converex, Inc.  
**Marquip No:** P0029 **Status:** Granted **Case Type:** Reg  
**Appln No:** 747,788 **Filing Date:** 8/19/91 **Priority Date:**  
**Patent No:** 5,209,810 **Issue Date:** 5/11/93 **Related to:**

**Title:** Lockdown Apparatus with Intermediate Membrane  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0030 **Status:** Granted **Case Type:** Reg  
**Appln No:** 471,547 **Filing Date:** 1/29/90 **Priority Date:**  
**Patent No:** 5,316,109 **Issue Date:** 5/31/94 **Related to:**

**Title:** Lockdown Apparatus with Intermediate Membrane -- EPC  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0030-E **Status:** Completed **Case Type:** Reg  
**Appln No:** 91903992.5 **Filing Date:** 7/21/92 **Priority Date:** 1/28/91  
**Patent No:** 513,165 **Issue Date:** 4/26/95 **Related to:**

**Title:** Lockdown Apparatus with Intermediate Membrane -- Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0030-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** H5-504141 **Filing Date:** 7/29/92 **Priority Date:** 1/28/91  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Lockdown Apparatus with Intermediate Membrane -- Korea  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0030-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 701782/1992 **Filing Date:** 7/28/92 **Priority Date:** 1/28/91  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Lockdown Apparatus with Intermediate Membrane -- Russia  
**Country:** Russia **Owner:** Marquip, Inc.  
**Marquip No:** P0030-R **Status:** Filed **Case Type:** Reg  
**Appln No:** 5052841-27 **Filing Date:** 9/27/92 **Priority Date:** 7/29/92  
**Patent No:** **Issue Date:** **Related to:** P0030-WP

**Title:** Lockdown Apparatus with Intermediate Membrane -- PCT  
**Country:** Patent Cooperation Trea **Owner:** Marquip, Inc.  
**Marquip No:** P0030-W **Status:** Completed **Case Type:** Reg  
**Appln No:** PCT/US91/00 **Filing Date:** 1/28/91 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** P0030

**Title:** Apparatus and Method for Slitting Corrugated Paperboard Boxes  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0031 **Status:** Granted **Case Type:** Reg  
**Appln No:** 65,935 **Filing Date:** 5/24/93 **Priority Date:**  
**Patent No:** 5,375,492 **Issue Date:** 12/27/94 **Related to:**

**Title:** Apparatus and Method for Slitting Corrugated Paperboard Boxes – Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0031-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,134,983 **Filing Date:** 11/2/94 **Priority Date:** 5/24/93  
**Patent No:** **Issue Date:** **Related to:** P0031-WP

**Title:** Apparatus and Method for Slitting Corrugated Paperboard Boxes – Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0031-D **Status:** Filed **Case Type:** Reg  
**Appln No:** P4392027.6 **Filing Date:** 10/31/94 **Priority Date:** 5/24/93  
**Patent No:** **Issue Date:** **Related to:** P0031-WP

**Title:** Apparatus and Method for Slitting Corrugated Paperboard Boxes – EPC  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0031-E **Status:** Granted **Case Type:** Reg  
**Appln No:** 93911057.3 **Filing Date:** 5/4/93 **Priority Date:** 5/24/93  
**Patent No:** 0 640 027 **Issue Date:** 3/12/97 **Related to:** P0033-WP

**Title:** Apparatus and Method for Slitting Corrugated Paperboard Boxes – Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0031-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 519607 **Filing Date:** 11/2/94 **Priority Date:** 5/24/93  
**Patent No:** **Issue Date:** **Related to:** P0031-WP

**Title:** Apparatus and Method for Slitting Corrugated Paperboard Boxes -- Korea  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0031-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 703,940/94 **Filing Date:** 11/4/94 **Priority Date:** 5/24/93  
**Patent No:** **Issue Date:** **Related to:** P0031-WP

**Title:** Apparatus and Method for Slitting Corrugated Paperboard Boxes -- Sweden  
**Country:** Sweden **Owner:** Marquip, Inc.  
**Marquip No:** P0031-S **Status:** Filed **Case Type:** Reg  
**Appln No:** 940379-2 **Filing Date:** 11/4/94 **Priority Date:** 5/24/93  
**Patent No:** **Issue Date:** **Related to:** P0031-WP

**Title:** Apparatus and Method for Slitting Corrugated Paperboard Boxes -- UK  
**Country:** United Kingdom **Owner:** Marquip, Inc.  
**Marquip No:** P0031-U **Status:** Granted **Case Type:** Reg  
**Appln No:** 9421190.1 **Filing Date:** 5/4/93 **Priority Date:** 5/5/92  
**Patent No:** 2,281,048 **Issue Date:** 10/25/95 **Related to:** P0031-WP

**Title:** Apparatus and Method for Slitting Corrugated Paperboard Boxes -- PCT  
**Country:** Patent Cooperation Trea **Owner:** Marquip, Inc.  
**Marquip No:** P0031-W **Status:** Completed **Case Type:** Reg  
**Appln No:** PCT/US93/04 **Filing Date:** 5/4/93 **Priority Date:** 5/24/93  
**Patent No:** **Issue Date:** **Related to:** P0031

**Title:** Air Bearing Support Assembly for Paper Slitting Apparatus  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0032 **Status:** Granted **Case Type:** Reg  
**Appln No:** 122,913 **Filing Date:** 9/16/93 **Priority Date:**  
**Patent No:** 5,406,869 **Issue Date:** 4/18/95 **Related to:**



**Title:** Splice Synchronization System  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0033 **Status:** Granted **Case Type:** Reg  
**Appln No:** 131,150 **Filing Date:** 10/4/93 **Priority Date:**  
**Patent No:** 5,437,749 **Issue Date:** 8/1/95 **Related to:**

**Title:** Splice Synchronization System -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0033-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,131,860 **Filing Date:** 9/12/94 **Priority Date:** 10/4/93  
**Patent No:** **Issue Date:** **Related to:** P0033

**Title:** Splice Synchronization System -- Switzerland  
**Country:** Switzerland **Owner:** Marquip, Inc.  
**Marquip No:** P0033-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2984/94-3 **Filing Date:** 10/3/94 **Priority Date:** 10/4/93  
**Patent No:** **Issue Date:** **Related to:** P0033

**Title:** Splice Synchronization System -- Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0033-D **Status:** Filed **Case Type:** Reg  
**Appln No:** P4,435,212.3 **Filing Date:** 9/30/94 **Priority Date:** 10/4/93  
**Patent No:** **Issue Date:** **Related to:** P0033

**Title:** Splice Synchronization System -- Spain  
**Country:** Spain **Owner:** Marquip, Inc.  
**Marquip No:** P0033-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 9402060 **Filing Date:** 9/30/94 **Priority Date:** 10/4/93  
**Patent No:** **Issue Date:** **Related to:** P0033

**Title:** Splice Synchronization System -- France  
**Country:** France **Owner:** Marquip, Inc.  
**Marquip No:** P0033-F **Status:** Filed **Case Type:** Reg  
**Appln No:** 9,411,781 **Filing Date:** 10/3/94 **Priority Date:** 10/4/93  
**Patent No:** 9,411,781 **Issue Date:** **Related to:** P0033

**Title:** Splice Synchronization System -- Italy  
**Country:** Italy **Owner:** Marquip, Inc.  
**Marquip No:** P0033-IT **Status:** Granted **Case Type:** Reg  
**Appln No:** RM94A00063 **Filing Date:** 10/3/94 **Priority Date:** 10/4/93  
**Patent No:** 1,274,945 **Issue Date:** 7/29/97 **Related to:** P0033

**Title:** Splice Synchronization System -- Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0033-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 6-263,235 **Filing Date:** 10/4/94 **Priority Date:** 10/4/93  
**Patent No:** **Issue Date:** **Related to:** P0033

**Title:** Splice Synchronization System -- Korea  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0033-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 2529/94 **Filing Date:** 10/4/94 **Priority Date:** 10/4/93  
**Patent No:** **Issue Date:** **Related to:** P0033

**Title:** Splice Synchronization System -- Sweden  
**Country:** Sweden **Owner:** Marquip, Inc.  
**Marquip No:** P0033-S **Status:** Filed **Case Type:** Reg  
**Appln No:** 9403355-2 **Filing Date:** 10/4/94 **Priority Date:** 10/4/93  
**Patent No:** **Issue Date:** **Related to:** P0033

**Title:** Splice Synchronization System -- UK  
**Country:** United Kingdom **Owner:** Marquip, Inc.  
**Marquip No:** P0033-U **Status:** Granted **Case Type:** Reg  
**Appln No:** 9418659.0 **Filing Date:** 9/16/94 **Priority Date:** 10/4/93  
**Patent No:** 2,282,464 **Issue Date:** 11/5/97 **Related to:** P0033

**Title:** Multiphase Induction Motor  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0035 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/233,119 **Filing Date:** 4/26/94 **Priority Date:**  
**Patent No:** 5,488,280 **Issue Date:** 1/30/96 **Related to:**

**Title:** Multiphase Induction Motor -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0035-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,164,948 **Filing Date:** 12/11/95 **Priority Date:** 4/26/94  
**Patent No:** **Issue Date:** **Related to:** P0035-WP

**Title:** Multiphase Induction Motor -- EPC  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0035-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 95917147.1 **Filing Date:** 12/11/95 **Priority Date:** 4/26/94  
**Patent No:** **Issue Date:** **Related to:** P0035-WP

**Title:** Multiphase Induction Motor -- Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0035-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 7-527819/95 **Filing Date:** 12/25/95 **Priority Date:** 4/26/94  
**Patent No:** **Issue Date:** **Related to:** P0035-WP

**Title:** Multiphase Induction Motor – Korea  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0035-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 705910/95 **Filing Date:** 12/23/95 **Priority Date:** 4/26/94  
**Patent No:** **Issue Date:** **Related to:** P0035-WP

**Title:** Multiphase Induction Motor – PCT  
**Country:** Patent Cooperation Trea **Owner:** Marquip, Inc.  
**Marquip No:** P0035-W **Status:** Filed **Case Type:** Reg  
**Appln No:** PCT/US95/05 **Filing Date:** 4/24/95 **Priority Date:** 4/26/94  
**Patent No:** **Issue Date:** **Related to:** P0035

**Title:** Method and Apparatus for Making Pallet Supports and Pallets Incorporating Said Pallets  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0036 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/191,074 **Filing Date:** 2/2/94 **Priority Date:**  
**Patent No:** 5,472,540 **Issue Date:** 12/5/95 **Related to:**

**Title:** Method and Apparatus for Making Pallet Supports and Pallets Incorporating Said Supports – Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0036-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,140,321 **Filing Date:** 1/16/95 **Priority Date:** 2/2/94  
**Patent No:** **Issue Date:** **Related to:** P0036

**Title:** Method and Apparatus for Making Pallet Supports and Pallets Incorporating Said Supports – Switzerland  
**Country:** Switzerland **Owner:** Marquip, Inc.  
**Marquip No:** P0036-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 187/95-7 **Filing Date:** 1/24/95 **Priority Date:** 2/2/94  
**Patent No:** **Issue Date:** **Related to:** P0036

**Title:** Method and Apparatus for Making Pallet Supports and Pallets Incorporating Said Supports -- Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0036-D **Status:** Filed **Case Type:** Reg  
**Appln No:** 19502094.4 **Filing Date:** 1/24/95 **Priority Date:** 2/2/94  
**Patent No:** **Issue Date:** **Related to:** P0036

**Title:** Method and Apparatus for Making Pallet Supports and Pallets Incorporating Said Supports -- Spain  
**Country:** Spain **Owner:** Marquip, Inc.  
**Marquip No:** P0036-E **Status:** Filed **Case Type:** Reg  
**Appln No:** P9500169 **Filing Date:** 1/28/95 **Priority Date:** 2/2/94  
**Patent No:** **Issue Date:** **Related to:** P0036

**Title:** Method and Apparatus for Making Pallet Supports and Pallets Incorporating Said Supports -- France  
**Country:** France **Owner:** Marquip, Inc.  
**Marquip No:** P0036-F **Status:** Granted **Case Type:** Reg  
**Appln No:** 95 01101 **Filing Date:** 1/31/95 **Priority Date:** 2/2/94  
**Patent No:** 95 01101 **Issue Date:** 10/17/97 **Related to:** P0036

**Title:** Method and Apparatus for Making Pallet Supports and Pallets Incorporating Said Supports -- Italy  
**Country:** Italy **Owner:** Marquip, Inc.  
**Marquip No:** P0036-IT **Status:** Granted **Case Type:** Reg  
**Appln No:** RM95A00004 **Filing Date:** 1/27/95 **Priority Date:** 2/2/94  
**Patent No:** 1,277,155 **Issue Date:** 11/24/97 **Related to:** P0036

**Title:** Method and Apparatus for Making Pallet Supports and Pallets Incorporating Said Supports -- Japan

**Country:** Japan **Owner:** Marquip, Inc.

**Marquip No:** P0036-JP **Status:** Filed **Case Type:** Reg

**Appln No:** 36,296/1995 **Filing Date:** 2/1/95 **Priority Date:** 2/2/94

**Patent No:** **Issue Date:** **Related to:** P0036

**Title:** Method and Apparatus for Making Pallet Supports and Pallets Incorporating Said Supports -- Korea

**Country:** Korea **Owner:** Marquip, Inc.

**Marquip No:** P0036-K **Status:** Filed **Case Type:** Reg

**Appln No:** 1762/1995 **Filing Date:** 1/28/95 **Priority Date:** 2/2/94

**Patent No:** **Issue Date:** **Related to:** P0036

**Title:** Method and Apparatus for Making Pallet Supports and Pallets Incorporating Said Supports -- Sweden

**Country:** Sweden **Owner:** Marquip, Inc.

**Marquip No:** P0036-S **Status:** Granted **Case Type:** Reg

**Appln No:** 9500370-3 **Filing Date:** 2/1/95 **Priority Date:** 2/2/94

**Patent No:** 9500370-3 **Issue Date:** 11/17/97 **Related to:** P0036

**Title:** Method and Apparatus for Making Pallet Supports and Pallets Incorporating Said Supports -- UK

**Country:** United Kingdom **Owner:** Marquip, Inc.

**Marquip No:** P0036-U **Status:** Granted **Case Type:** Reg

**Appln No:** 9501266.2 **Filing Date:** 1/23/95 **Priority Date:** 2/2/94

**Patent No:** 2,286,577 **Issue Date:** 6/4/97 **Related to:** P0036

**Title:** Palletizing System  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0037 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/418,503 **Filing Date:** 4/7/95 **Priority Date:**  
**Patent No:** 5,540,545 **Issue Date:** 7/30/96 **Related to:**

**Title:** Palletizing System - Canada  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0037-C **Status:** Filed **Case Type:**  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Palletizing System  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0037-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 8-110530 **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Palletizing System  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0037-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 10374/96 **Filing Date:** 4/6/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Slitting Apparatus for Corrugated Paperboard and the Like  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0038 **Status:** Granted **Case Type:** Reissue  
**Appln No:** 08/200,225 **Filing Date:** 2/23/94 **Priority Date:**  
**Patent No:** RE35,086 **Issue Date:** 11/14/95 **Related to:** P0021

**Title:** Adjustable Ballast System for the Holddown Belt in a Double Facer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0039 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/253,647 **Filing Date:** 6/3/94 **Priority Date:**  
**Patent No:** 5,466,329 **Issue Date:** 11/14/95 **Related to:**

**Title:** Control for Adjustable Ballast System in a Double Facer -- Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0039-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,149,451 **Filing Date:** 5/16/95 **Priority Date:** 6/3/94  
**Patent No:** **Issue Date:** **Related to:** P0039

**Title:** Control for Adjustable Ballast System in a Double Facer -- Switzerland  
**Country:** Switzerland **Owner:** Marquip, Inc.  
**Marquip No:** P0039-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 01 585/95-2 **Filing Date:** 5/30/95 **Priority Date:** 6/3/94  
**Patent No:** **Issue Date:** **Related to:** P0039

**Title:** Control for Adjustable Ballast System in a Double Facer -- Germany  
**Country:** Germany **Owner:** Marquip, Inc.  
**Marquip No:** P0039-D **Status:** Filed **Case Type:** Reg  
**Appln No:** 19520344.5 **Filing Date:** 6/2/95 **Priority Date:** 6/3/94  
**Patent No:** **Issue Date:** **Related to:** P0039

**Title:** Control for Adjustable Ballast System in a Double Facer -- Spain  
**Country:** Spain **Owner:** Marquip, Inc.  
**Marquip No:** P0039-E **Status:** Filed **Case Type:** Reg  
**Appln No:** P9501069 **Filing Date:** 5/30/95 **Priority Date:** 6/3/94  
**Patent No:** **Issue Date:** **Related to:** P0039



**Title:** Control for Adjustable Ballast System in a Double Facer -- France  
**Country:** France **Owner:** Marquip, Inc.  
**Marquip No:** P0039-F **Status:** Filed **Case Type:** Reg  
**Appln No:** 95 06520 **Filing Date:** 6/1/95 **Priority Date:** 6/3/94  
**Patent No:** **Issue Date:** **Related to:** P0039

**Title:** Control for Adjustable Ballast System in a Double Facer -- Italy  
**Country:** Italy **Owner:** Marquip, Inc.  
**Marquip No:** P0039-IT **Status:** Granted **Case Type:** Reg  
**Appln No:** RM95A00036 **Filing Date:** 5/31/95 **Priority Date:** 6/3/94  
**Patent No:** 1,278,482 **Issue Date:** 11/24/97 **Related to:** P0039

**Title:** Control for Adjustable Ballast System in a Double Facer -- Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0039-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 160187/1995 **Filing Date:** 6/5/95 **Priority Date:** 6/3/94  
**Patent No:** **Issue Date:** **Related to:** P0039

**Title:** Control for Adjustable Ballast System in a Double Facer -- Korea  
**Country:** Korea **Owner:** Marquip International, Inc.  
**Marquip No:** P0039-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 14584/1995 **Filing Date:** 6/2/95 **Priority Date:** 6/3/94  
**Patent No:** **Issue Date:** **Related to:** P0039

**Title:** Control for Adjustable Ballast System in a Double Facer -- Sweden  
**Country:** Sweden **Owner:** Marquip, Inc.  
**Marquip No:** P0039-S **Status:** Filed **Case Type:** Reg  
**Appln No:** 9501940-2 **Filing Date:** 5/24/95 **Priority Date:** 6/3/94  
**Patent No:** **Issue Date:** **Related to:** P0039

**Title:** Control for Adjustable Ballast System in a Double Facer -- UK  
**Country:** United Kingdom **Owner:** Marquip, Inc.  
**Marquip No:** P0039-U **Status:** Filed **Case Type:** Reg  
**Appln No:** 9510067.3 **Filing Date:** 5/18/95 **Priority Date:** 6/3/94  
**Patent No:** **Issue Date:** **Related to:** P0039

**Title:** Hot Plate for Corrugated Paperboard Double Facer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0040 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/427,048 **Filing Date:** 6/7/94 **Priority Date:**  
**Patent No:** 5,501,762 **Issue Date:** 3/26/96 **Related to:**

**Title:** Sheet Saving Diverter for Corrugator  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0041 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/816,493 **Filing Date:** 3/13/97 **Priority Date:**  
**Patent No:** 5,732,609 **Issue Date:** 3/31/98 **Related to:** CIP of 08/427

**Title:** Sheet Saving Diverter for Corrugator - Canada  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0041-C **Status:** Filed **Case Type:**  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Sheet Saving Diverter for Corrugator - EPC  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0041-E **Status:** Filed **Case Type:**  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Sheet Saving Diverter for Corrugator  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0041-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 93000/96 **Filing Date:** 3/24/95 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Sheet Saving Diverter for Corrugator  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0041-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 8057/1996 **Filing Date:** 3/23/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Laminator for Corrugated Paperboard Sheets  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0042 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/409,468 **Filing Date:** 3/23/95 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Laminator for Corrugated Paperboard Sheets - Canada  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0042-C **Status:** Filed **Case Type:**  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Laminator for Corrugated Paperboard Sheets  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0042-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 96302001.1 **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Laminator for Corrugated Paperboard Sheets  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0042-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 8-92999/96 **Filing Date:** 3/25/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Laminator for Corrugated Paperboard Sheets  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0042-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 7833/1996 **Filing Date:** 3/22/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Vacuum Assisted Web Drying System  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0043 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/424,994 **Filing Date:** 4/19/95 **Priority Date:**  
**Patent No:** 5,600,900 **Issue Date:** 2/11/97 **Related to:**

**Title:** Vacuum Assisted Web Drying System - Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0043-C **Status:** Filed -- No Num **Case Type:** Reg  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** P0043

**Title:** Vacuum Assisted Web Drying System - EPO  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0043-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 96302705.7 **Filing Date:** 4/17/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Vacuum Assisted Web Drying System - Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0043-JP **Status:** Filed -- No Num **Case Type:** Reg  
**Appln No:** 8-120867 **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Vacuum Assisted Web Drying System - Korea  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0043-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 11939/1996 **Filing Date:** 11/19/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Heating Device for Corrugated Paperboard Production  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0045 **Status:** Granted **Case Type:** CIP  
**Appln No:** 08/292,739 **Filing Date:** 8/18/94 **Priority Date:**  
**Patent No:** 5,495,092 **Issue Date:** 2/27/96 **Related to:** P0040

**Title:** Sheet Stacking Apparatus  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0046 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/515,305 **Filing Date:** 8/15/95 **Priority Date:**  
**Patent No:** 5,613,673 **Issue Date:** 3/25/97 **Related to:**

**Title:** Apparatus and Method for Slitting Corrugated Paper Boxes  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0047 **Status:** Granted **Case Type:** CIP  
**Appln No:** 08/341,752 **Filing Date:** 11/18/94 **Priority Date:**  
**Patent No:** 5,483,856 **Issue Date:** 1/16/96 **Related to:** P0031

**Title:** Apparatus and Method for Slitting Corrugated Paper Boxes – EPC  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0047-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 95308193.2 **Filing Date:** 11/15/95 **Priority Date:** 11/18/94  
**Patent No:** **Issue Date:** **Related to:** P0047

**Title:** Heat Transfer Control System for a Double Backer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0048 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/418,250 **Filing Date:** 4/6/95 **Priority Date:**  
**Patent No:** 5,578,160 **Issue Date:** 11/26/96 **Related to:**

**Title:** Method and Apparatus for Automatically Forming Corrugated Sheets into Block-Shaped Units of Optimal Size  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0049 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/428,388 **Filing Date:** 4/24/95 **Priority Date:**  
**Patent No:** 5,656,005 **Issue Date:** 8/12/97 **Related to:**

**Title:** Web Holddown and Drive for Corrugator Double Backer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0050 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/494,327 **Filing Date:** 6/26/95 **Priority Date:**  
**Patent No:** 5,561,918 **Issue Date:** 10/8/96 **Related to:**

**Title:** Web Holddown and Drive for Corrugator Double Backer  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0050-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,179,921 **Filing Date:** 6/25/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Web Holddown and Drive for Corrugator Double Backer  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0050-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 96304659.4 **Filing Date:** 6/25/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Web Holddown and Drive for Corrugator Double Backer  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0050-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 23787/96 **Filing Date:** 6/26/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Apparatus for Slitting Corrugated Paperboard Boxes  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0051 **Status:** Granted **Case Type:** Div  
**Appln No:** 08/485,624 **Filing Date:** 6/7/95 **Priority Date:**  
**Patent No:** 5,660,095 **Issue Date:** 8/26/97 **Related to:** P0047

**Title:** Adjustable Ballast System for a Double Facer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0052 **Status:** Granted **Case Type:** CIP  
**Appln No:** 08/515,109 **Filing Date:** 8/14/95 **Priority Date:**  
**Patent No:** 5,632,830 **Issue Date:** 5/27/97 **Related to:** P0044

**Title:** Optimizing and Palletizing Articles  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0053 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/556,207 **Filing Date:** 11/9/95 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Lay-Up System for Pallets  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0054 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/565,200 **Filing Date:** 10/18/95 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Lay-Up System for Pallets  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0054-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,188,174 **Filing Date:** 10/17/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Lay-Up System for Pallets  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0054-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 96116498.5 **Filing Date:** 10/15/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Lay-Up System for Pallets  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0054-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 297161/1996 **Filing Date:** 10/18/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Lay-Up System for Pallets  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0054-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 46888/96 **Filing Date:** 10/18/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**



**Title:** Fabricated Hot Plate, Particularly for Corrugated Paperboard Making  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0055 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/543,202 **Filing Date:** 10/13/95 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Fabricated Hot Plate, Particularly for Corrugated Paperboard Making  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0055-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,187,811 **Filing Date:** 10/11/96 **Priority Date:**  
**Patent No:** P0055-CA **Issue Date:** **Related to:**

**Title:** Fabricated Hot Plate, Particularly for Corrugated Paperboard Making  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0055-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 96116435.7 **Filing Date:** 10/14/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Fabricated Hot Plate, Particularly for Corrugated Paperboard Making  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0055-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 283299/1996 **Filing Date:** 10/14/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Fabricated Hot Plate, Particularly for Corrugated Paperboard Making  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0055-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 45527/96 **Filing Date:** 10/12/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Method and Apparatus for laying Up Laminates of Adhesive Backed Sheets  
**Country:** USA **Owner:** Converex, Inc.  
**Marquip No:** P0092 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/168,812 **Filing Date:** 12/17/93 **Priority Date:** 6/3/94  
**Patent No:** 5,484,499 **Issue Date:** 1/16/96 **Related to:**

**Title:** System for Delivering Sheet in Stacks  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0096 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/595,048 **Filing Date:** 2/1/96 **Priority Date:**  
**Patent No:** 5,626,335 **Issue Date:** 5/6/97 **Related to:**

**Title:** System for Feeding Short Length Sheets for Slitting  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0097 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/595,047 **Filing Date:** 2/1/96 **Priority Date:**  
**Patent No:** 5,678,816 **Issue Date:** 10/21/97 **Related to:**

**Title:** Single Facer Intermediate Corrugating Roll  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0103 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/621,998 **Filing Date:** 3/26/96 **Priority Date:**  
**Patent No:** 5,628,865 **Issue Date:** 5/13/97 **Related to:**

**Title:** Single Facer With Small Intermediate Corrugating Roll - Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0103-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,218,537 **Filing Date:** 3/26/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** Marschke, Ca

**Title:** Single Facer With Small Interediate Corrugating Roll  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0103-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 534598/97 **Filing Date:** 3/26/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** Marschke, Ca

**Title:** Single Facer With Small Interediate Corrugating Roll - Korea  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0103-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 708454/97 **Filing Date:** 3/26/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** Marschke, Ca

**Title:** Single Facer Intermediate Corrugating Roll - Taiwan  
**Country:** Taiwan **Owner:** Marquip, Inc.  
**Marquip No:** P0103-T **Status:** Filed **Case Type:** Reg  
**Appln No:** 85115591 **Filing Date:** 10/17/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Single Facer Intermediate Corrugating Roll - PCT  
**Country:** Patent Cooperation Trea **Owner:** Marquip, Inc.  
**Marquip No:** P0103-W **Status:** Filed **Case Type:** Reg  
**Appln No:** 97919919.7 **Filing Date:** 3/26/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Single Facer Pressure Roll  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0104 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/621,999 **Filing Date:** 3/26/96 **Priority Date:**  
**Patent No:** 5,681,422 **Issue Date:** 10/28/97 **Related to:**

**Title:** Improved Method for Shingling and Stacking Conveyed Sheet Material  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0105 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/780,933 **Filing Date:** 10/16/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** Provisional ap

**Title:** Apparatus and Method for Applying a Viscous Liquid to a Material Surface  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0111 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/543,203 **Filing Date:** 10/13/95 **Priority Date:**  
**Patent No:** 5,628,868 **Issue Date:** 5/13/97 **Related to:**

**Title:** Apparatus and Method for Applying a Viscous Liquid to a Material Surface  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0111-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,187,810 **Filing Date:** 10/11/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Apparatus and Method for Applying a Viscous Liquid to a Material Surface  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0111-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 96116436.5 **Filing Date:** 10/14/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Apparatus and Method for Applying a Viscous Liquid to a Material Surface  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0111-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 293300/1996 **Filing Date:** 10/14/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Apparatus and Method for Applying a Viscous Liquid to a Material Surface  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0111-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 45526/96 **Filing Date:** 10/12/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Slit Score for Flexo  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0113 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/660,858 **Filing Date:** 6/10/96 **Priority Date:**  
**Patent No:** 5,690,601 **Issue Date:** 11/25/97 **Related to:**

**Title:** Sharpener for Slitting Blade  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0115 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/736,217 **Filing Date:** 10/23/95 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Apparatus for Laying up Adhesive Backed Sheets  
**Country:** USA **Owner:** Converex, Inc.  
**Marquip No:** P0116 **Status:** Granted **Case Type:** Reg  
**Appln No:** 07/954,287 **Filing Date:** 9/30/92 **Priority Date:**  
**Patent No:** 5,288,714 **Issue Date:** 2/22/94 **Related to:**

**Title:** Apparatus for Laying Up Adhesive Backed Sheets – Germany  
**Country:** Germany **Owner:** Converex, Inc.  
**Marquip No:** P0116-D **Status:** Granted **Case Type:** Reg  
**Appln No:** 92918264.0 **Filing Date:** 8/17/02 **Priority Date:** 8/19/91  
**Patent No:** 69208883.0 **Issue Date:** 3/6/96 **Related to:**

**Title:** Apparatus for Laying Up Adhesive Backed Sheets -- Spain  
**Country:** Spain **Owner:** Converex, Inc.  
**Marquip No:** P0116-E **Status:** Granted **Case Type:** Reg  
**Appln No:** 92918264.0 **Filing Date:** 8/17/92 **Priority Date:** 8/19/91  
**Patent No:** 599,970 **Issue Date:** 3/6/96 **Related to:**

**Title:** Apparatus for Laying Up Adhesive Backed Sheets -- France  
**Country:** France **Owner:** Converex, Inc.  
**Marquip No:** P0116-F **Status:** Granted **Case Type:** Reg  
**Appln No:** 92918264.0 **Filing Date:** 8/17/92 **Priority Date:** 8/19/91  
**Patent No:** 599,970 **Issue Date:** 3/6/96 **Related to:**

**Title:** Apparatus for Laying Up Adhesive Backed Sheets -- Italy  
**Country:** Italy **Owner:** Converex, Inc.  
**Marquip No:** P0116-IT **Status:** Granted **Case Type:** Reg  
**Appln No:** 92918264.0 **Filing Date:** 8/17/92 **Priority Date:** 8/19/91  
**Patent No:** 599,970 **Issue Date:** 3/6/96 **Related to:**

**Title:** Apparatus for Laying Up Adhesive Backed Sheets -- Netherlands  
**Country:** Netherlands **Owner:** Converex, Inc.  
**Marquip No:** P0116-NL **Status:** Granted **Case Type:** Reg  
**Appln No:** 92918264.0 **Filing Date:** 8/17/92 **Priority Date:** 8/19/91  
**Patent No:** 599,970 **Issue Date:** 3/6/96 **Related to:**

**Title:** Apparatus for Laying Up Adhesive Backed Sheets -- Sweden  
**Country:** Sweden **Owner:** Converex, Inc.  
**Marquip No:** P0116-S **Status:** Granted **Case Type:** Reg  
**Appln No:** 92918264.0 **Filing Date:** 8/17/92 **Priority Date:** 8/19/91  
**Patent No:** 599,970 **Issue Date:** 3/6/96 **Related to:**

**Title:** Apparatus for Laying Up Adhesive Backed Sheets – UK  
**Country:** United Kingdom **Owner:** Converex, Inc.  
**Marquip No:** P0116-U **Status:** Granted **Case Type:** Reg  
**Appln No:** 92918264.0 **Filing Date:** 8/17/92 **Priority Date:** 8/19/91  
**Patent No:** 599,970 **Issue Date:** 3/6/96 **Related to:**

**Title:** Apparatus for Variably Attaching an Implement to a Carriage  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0121 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/653,625 **Filing Date:** 5/24/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Movable Roller for Thin-Blade Slitter  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0122 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/604,526 **Filing Date:** 2/21/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Tuned Mass Damper  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0123 **Status:** Filed – No Num **Case Type:** Reg  
**Appln No:** **Filing Date:** 3/20/98 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Web Holddown and Drive  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0124 **Status:** Filed **Case Type:** CIP  
**Appln No:** 08/643,627 **Filing Date:** 5/6/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** P0050

**Title:** Improved Web Holddown and Drive for Corrugator Double Backer  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0124-C **Status:** Filed -- No Num **Case Type:**  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Web Holddown and Drive for Corrugator Double Backer  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0124-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 96304659.4 **Filing Date:** 6/25/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** P0124 P0050

**Title:** Improved Web Holddown and Drive for Corrugator Double Backer  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0124-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 186811/1996 **Filing Date:** 6/26/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** P0124 P0050

**Title:** Web Holddown and Drive for Corrugator Double Backer  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0124-JP **Status:** Filed -- Allowed **Case Type:** Reg  
**Appln No:** 186811/1996 **Filing Date:** 6/26/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Web Holddown and Drive for Corrugator Double Backer  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0124-K **Status:** Filed -- No Num **Case Type:**  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**



**Title:** Digital Tachometer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0129 **Status:** Docketed -- Sea **Case Type:** Reg  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Method and Apparatus for Manufacturing Honeycomb Material  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0131 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/719,757 **Filing Date:** 9/25/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Vacuum Assisted Web Drive for Corrugator Double Backer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0134 **Status:** Granted **Case Type:** Divisiona  
**Appln No:** 08/670,812 **Filing Date:** 6/25/96 **Priority Date:**  
**Patent No:** 5,706,994 **Issue Date:** 1/13/98 **Related to:** P0050

**Title:** Vacuum Assisted Web Drive for Corrugator Double Backer - EP  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0134-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 97931419.2 **Filing Date:** 6/25/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Vacuum Assisted Web Drive for Corrugator Double Backer - PCT  
**Country:** Patent Cooperation Trea **Owner:** Marquip, Inc.  
**Marquip No:** P0134-W **Status:** Filed **Case Type:** Reg  
**Appln No:** PCT/US97/11 **Filing Date:** 6/25/97 **Priority Date:** 6/25/96  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Apparatus and Method for Leveling and Supporting the Hot Plates in a Double Backer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0135 **Status:** Filed -- Allowed **Case Type:** Reg  
**Appln No:** 08/682,206 **Filing Date:** 7/17/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Levling Apparatus for a Double Backer  
**Country:** Patent Cooperation Trea **Owner:** Marquip, Inc.  
**Marquip No:** P0135-W **Status:** Filed **Case Type:** Reg  
**Appln No:** PCT/US97/12 **Filing Date:** 7/17/97 **Priority Date:** 7/17/96  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Module for Upper Web Surface in a Double Backer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0139 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/697,768 **Filing Date:** 8/29/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Heating Module for Upper Web Surface in a Double Backer - Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0139-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,213,154 **Filing Date:** 8/27/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Module for Upper Web Surface in a Double Backer  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0139-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 97306576.6 **Filing Date:** 9/12/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Module for Upper Web Surface in a Double Backer  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0139-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 249597/1997 **Filing Date:** 8/29/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Module for Upper Web Surface in a Double Backer  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0139-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 42553/1997 **Filing Date:** 8/29/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Low Pressure Single Facer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0140 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/740,726 **Filing Date:** 11/1/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Low Pressure Single Facer - EPC  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0140-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 97308657.2-2 **Filing Date:** 10/29/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Composite Web Material  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0143 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/726,151 **Filing Date:** 10/7/96 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Composite Web Material - Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0143-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,216,014 **Filing Date:** 10/7/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Composite Web Material - EPC  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0143-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 97308064.1 **Filing Date:** 7/10/97 **Priority Date:** 7/10/96  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Composite Web Material - JP  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0143-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 291607/97 **Filing Date:** 10/7/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Composite Web Material - Korea  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0143-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 51417/97 **Filing Date:** 10/7/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Apparatus and Method for Applying a Viscous Liquid to a Material Surface  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0144 **Status:** Filed **Case Type:** CIP  
**Appln No:** 08/960,675 **Filing Date:** 10/30/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** P0111

**Title:** Improved Apparatus and Method for Applying a Viscous Liquid to a Material Surface - Canada

**Country:** Canada **Owner:** Marquip, Inc.

**Marquip No:** P0144-C **Status:** Filed **Case Type:** Reg

**Appln No:** 2,217,801 **Filing Date:** 10/30/97 **Priority Date:**

**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Apparatus and Method for Applying a Viscous Liquid to a Material Surface

**Country:** European Patent Office **Owner:** Marquip, Inc.

**Marquip No:** P0144-E **Status:** Filed **Case Type:** Reg

**Appln No:** 97308813.1 **Filing Date:** 11/3/97 **Priority Date:**

**Patent No:** **Issue Date:** **Related to:** PO111

**Title:** Improved Apparatus and Method for Applying a Viscous Liquid to Material Surface - Japan

**Country:** Japan **Owner:** Marquip, Inc.

**Marquip No:** P0144-JP **Status:** Filed **Case Type:** Reg

**Appln No:** 318884/97 **Filing Date:** 11/4/97 **Priority Date:**

**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Apparatus and Method for Applying a Viscous Liquid to a Material Surface - Korea

**Country:** Korea **Owner:** Marquip, Inc.

**Marquip No:** P0144-K **Status:** Filed **Case Type:** Reg

**Appln No:** 56999/97 **Filing Date:** 10/31/97 **Priority Date:**

**Patent No:** **Issue Date:** **Related to:** Marschke, Ca

**Title:** Glue Thickness Control Based on the Glue Roll Surface

**Country:** USA **Owner:** Marquip, Inc.

**Marquip No:** P0148 **Status:** Docketed -- Sea **Case Type:** Reg

**Appln No:** **Filing Date:** **Priority Date:**

**Patent No:** **Issue Date:** **Related to:**

**Title:** Surface Heating for a Single Facer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0150 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/782,963 **Filing Date:** 1/13/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Surface Heating for a Single Facer - PCT  
**Country:** Patent Cooperation Trea **Owner:** Marquip, Inc.  
**Marquip No:** P0150-W **Status:** Filed **Case Type:** Reg  
**Appln No:** PCA/US98/00 **Filing Date:** 1/13/98 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Rotary Drying Drum  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0154 **Status:** Granted **Case Type:** Reg  
**Appln No:** 08/739,326 **Filing Date:** 10/29/96 **Priority Date:**  
**Patent No:** 5,729,910 **Issue Date:** 3/24/98 **Related to:**

**Title:** Rotary Drying Drum - EPC  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0154-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 97308541.8-2 **Filing Date:** 10/27/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Rotary Drying Drum - Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0154-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 312797/97 **Filing Date:** 10/29/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Sheet Deceleration Device  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0157 **Status:** Filed -- No Num **Case Type:** Reg  
**Appln No:** **Filing Date:** 12/19/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Heated Holddown Strips for Doublebacker  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0159 **Status:** Docketed -- Filin **Case Type:** Reg  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Condensate Removal from a Heated Roll  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0160 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/932,332 **Filing Date:** 9/17/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Shingling Corrugated Paperboard at the Knife  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0161 **Status:** Filed **Case Type:** Reg  
**Appln No:** 08/837,051 **Filing Date:** 4/11/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Two-Way Air Pressure System for a Doublebacker  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0162 **Status:** Filed **Case Type:** Reg  
**Appln No:** **Filing Date:** 3/4/98 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Quick-Change Ink Supply for Printer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0163 **Status:** Docketed -- Filin **Case Type:** Reg  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Corrugating Roll Formed by Laminating Annular Segments  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0167 **Status:** Filed -- No Num **Case Type:** Reg  
**Appln No:** **Filing Date:** 1/26/98 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Shingling Sheets Based on the Position of the Sheet Leading Edge  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0168 **Status:** Docketed -- Filin **Case Type:** Reg  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Low Pressure Single Facer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0169 **Status:** Filed **Case Type:** CIP  
**Appln No:** 08/856,662 **Filing Date:** 5/17/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** P0140

**Title:** Improved Low Pressure Single Facer - Australia  
**Country:** Australia **Owner:** Marquip, Inc.  
**Marquip No:** P0169-A **Status:** Filed **Case Type:** Reg  
**Appln No:** 43675/97 **Filing Date:** 10/31/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** Marschke Car



**Title:** Improved Low Pressure Single Facer - Canada  
**Country:** Canada **Owner:** Marquip, Inc.  
**Marquip No:** P0169-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 2,217,798 **Filing Date:** 10/30/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Low Pressure Single Facer - China  
**Country:** China **Owner:** Marquip, Inc.  
**Marquip No:** P0169-C **Status:** Filed **Case Type:** Reg  
**Appln No:** 97120207.9 **Filing Date:** 11/3/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Low Pressure Single Facer - EPC  
**Country:** European Patent Office **Owner:** Marquip, Inc.  
**Marquip No:** P0169-E **Status:** Filed **Case Type:** Reg  
**Appln No:** 97308657.2 **Filing Date:** 10/29/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Low Pressure Single Facer - India  
**Country:** India **Owner:** Marquip, Inc.  
**Marquip No:** P0169-IN **Status:** Filed **Case Type:** Reg  
**Appln No:** 2046CAL97 **Filing Date:** 10/29/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Low Pressure Single Facer - Japan  
**Country:** Japan **Owner:** Marquip, Inc.  
**Marquip No:** P0169-JP **Status:** Filed **Case Type:** Reg  
**Appln No:** 318885/97 **Filing Date:** 11/4/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Low Pressure Single Facer - Korea  
**Country:** Korea **Owner:** Marquip, Inc.  
**Marquip No:** P0169-K **Status:** Filed **Case Type:** Reg  
**Appln No:** 56998/97 **Filing Date:** 10/31/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** Marschke, Ca

**Title:** Improved Low Pressure Single Facer - Mexico  
**Country:** Mexico **Owner:** Marquip, Inc.  
**Marquip No:** P0169-M **Status:** Filed **Case Type:** Reg  
**Appln No:** 978344 **Filing Date:** 10/30/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Improved Low Pressure Single Facer - Taiwan  
**Country:** Taiwan **Owner:** Marquip, Inc.  
**Marquip No:** P0169-T **Status:** Filed **Case Type:** Reg  
**Appln No:** 86115890 **Filing Date:** 10/27/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Fluid Pressure Corrugator with Single Corrugating Roll  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0170 **Status:** Docketed – Sea **Case Type:** Reg  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Single Facer with Multiple Backup Rolls  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0171 **Status:** Filed **Case Type:** CIP  
**Appln No:** 08/854,953 **Filing Date:** 5/13/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** P0103

**Title:** Improved Vacuum Assisted Web Drive for Corrugator Double Backer  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0172 **Status:** Filed **Case Type:** CIP  
**Appln No:** 08/893,259 **Filing Date:** 7/17/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** P0134

**Title:** Small Corrugating Roll with Belt Backup  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0177 **Status:** Filed – No Num **Case Type:** Reg  
**Appln No:** **Filing Date:** 3/19/98 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Stationary Holddown Mat for Corrugator Doublebacker  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0180 **Status:** Filed **Case Type:** CIP  
**Appln No:** 08/904,071 **Filing Date:** 7/31/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** P0124

**Title:** Web Holddown with Threadup Mechanism  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0181 **Status:** Filed **Case Type:** CIP  
**Appln No:** 08/916,128 **Filing Date:** 8/21/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:** P0124

**Title:** Continuous Web Gapless Order Change  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0187 **Status:** Filed **Case Type:** Reg  
**Appln No:** **Filing Date:** 3/5/98 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Extendible Threadup Device for Doublebacker  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0190 **Status:** Filed **Case Type:** Reg  
**Appln No:** **Filing Date:** 11/11/97 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Phase Shift Accommodation in Active Vibration Damping Systems  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0191 **Status:** Docketed – Filin **Case Type:** Reg  
**Appln No:** **Filing Date:** 3/23/98 **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

**Title:** Vacuum Assisted Beltless Holddown for Doublebacker  
**Country:** USA **Owner:** Marquip, Inc.  
**Marquip No:** P0192 **Status:** Docketed – Filin **Case Type:** Reg  
**Appln No:** **Filing Date:** **Priority Date:**  
**Patent No:** **Issue Date:** **Related to:**

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TRADEMARKS

Matter name	Matter type	Matter status	MQ Number	Active
TM MARQUIP in Brazil	Trademark	Granted	T0001-BR	
TM MARQUIP in Germany	Trademark	Granted	T0001-DE	
TM MARQUIP in France	Trademark	Granted	T0001-FR	
TM MARQUIP in India	Trademark	Docketed	T0001-IN	
TM MARQUIP in Japan	Trademark	Granted	T0001-JP	
TM MARQUIP in United Kingdom	Trademark	Granted	T0001-UK	
TM MARQUIP, INC. in US	Trademark	Granted	T0002	
TM QUICKSET in US	Trademark	Granted	T0014	
TM QUICKSET in Australia	Trademark	Granted	T0014-AU	
TM QUICKSET in Benelux	Trademark	Granted	T0014-BN	
TM QUICKSET in Canada	Trademark	Granted	T0014-CA	
TM QUICKSET in Switzerland	Trademark	Granted	T0014-CH	
TM QUICKSET in Denmark	Trademark	Granted	T0014-DN	
TM QUICKSET in France	Trademark	Granted	T0014-FR	
TM QUICKSET in Sweden	Trademark	Granted	T0014-SE	
TM TWIN BOX in US	Trademark	Granted	T0015	
TM RAZORSET in US	Trademark	Granted	T0016	
TM RAZORSET in Germany	Trademark	Granted	T0016-DE	
TM RAZORSET in Japan	Trademark	Granted	T0016-JP	
TM RAZORSET in United Kingdom	Trademark	Granted	T0016-UK	
TM RAZORSLIT in US	Trademark	Granted	T0017	
TM PILLAR PRODUCTS in US	Trademark	Inactive - Abandoned	T0020	
TM MARQUIP WORLDWIDE SYST	Trademark	Filed	T0021	
TM PYRO PRESS in US	Trademark	Filed	T0023	
TM PYRO PLATEN in US	Trademark	Filed	T0024	
TM PILLAR AND DESIGN in US	Trademark	Filed -- Allowed	T0025	
TM INFO in US	Trademark	Inactive	T0026	
TM PROOF in US	Trademark	Docketed	T0027	
TM PILLAR in Argentina	Trademark	Filed	T0028-AR	
TM PILLAR in Brazil	Trademark	Filed	T0028-BR	
TM PILLAR in Canada	Trademark	Filed	T0028-CA	
TM PILLAR in Switzerland	Trademark	Filed	T0028-CH	
TM PILLAR in Europe	Trademark	Filed	T0028-EP	
TM PILLAR in Israel	Trademark	Filed	T0028-IS	
TM PILLAR in Japan	Trademark	Filed	T0028-JP	
TM PILLAR in Korea	Trademark	Filed	T0028-KR	
TM PILLAR in Mexico	Trademark	Filed	T0028-ME	
TM PILLAR in Norway	Trademark	Granted	T0028-NO	
TM PILLAR in Poland	Trademark	Filed	T0028-PO	
TM PILLAR in Sweden	Trademark	Granted	T0028-SE	
TM PILLAR in Singapore	Trademark	Filed	T0028-SI	
TM PYRO in US	Trademark	Filed	T0029	
TM PYRO PULL in US	Trademark	Filed	T0030	
TM PROVISIO in US	Trademark	Filed -- Allowed	T0031	

TM PROVISO in Australia	Trademark	Filed	T0031-AU
TM PROVISO in Mexico	Trademark	Filed	T0031-MX
TM PYROBOX in US	Trademark	Filed	T0032
TM PYROBOARD in US	Trademark	Filed	T0033
TM PYROBOND in US	Trademark	Docketed	T0034

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SCHEDULE 4  
TO  
SECURITY AGREEMENT

LOCATIONS OF BOOKS AND RECORDS:

1300 North Airport Road  
Phillips WI 54555-0028

1245 East Washington Avenue  
Madison WI 53701

LOCATIONS OF COLLATERAL:

1300 North Airport Road  
Phillips WI 54555-0028

1245 East Washington Avenue  
Madison WI 53701

104 North Argyle Avenue  
Phillips WI 54555

BAX Global (warehouse)  
5149 Southridge Parkway (approximately \$250,000 of inventory at  
Atlanta GA 30349 this location on April 10, 1998)