

### Haywood Man Invents Many Items

Continued from page 1

pass over these scales—time and time again, ever stop to think that the idea of this scale was conceived in the mind of a Haywood county man?

"We won out . . . not only once, but twice," said Mr. Christopher, referring to the law suit brought by a Dayton, Ohio firm vs. Christopher and his associates for infringement of patent rights on this scale. The case was heard at Washington, D. C., in 1901 or 1902 and was a long-drawn out and hotly contested case. Mr. Christopher stated that he took witnesses not only from Haywood county, but from Asheville, Spartanburg and other places to prove that the idea of the computing scale was his own. Many witnesses testified before the court that they had seen Calvin Christopher's diagram for the scale, as well as the completed model therefor at his shop long before the year 1901.

"I was just careless with my drawings and model for the scale," said Mr. Christopher; "I showed them to everybody that came into my shop and asked to see them . . . even to strangers." This, he thinks is how spies got his idea; so that before long a scale appeared on the market based and built on the same idea. This was in the closing years of the nineteenth century, and Mr. Christopher had already obtained his patent.

In the year 1900 a company was formed at Washington, D. C., known as the Independent Scales Co., to begin the manufacture of the different types of computing scales which Mr. Christopher had invented. He not only had an interest in the firm, but was to receive so much as royalty on all scales manufactured. After their product was being successfully marketed, in the year 1901, when the Dayton firm brought suit, resulting in a victory for the Independent Scales Co.

Shortly after this Mr. Christopher sold all his interest, patents and patents pending to the company for around \$87,000 and came back to his old home near Bethel . . . for further study and experimentation.

With this sale he relinquished his right, title and interest in the some nine or ten different types of scales—all of a computing nature, which he had invented.

From Washington, D. C., the plant was moved to Bridgeport, Conn., then to Kansas City, Mo. Finally the factory was bought up by some Asheville citizens and they were manufactured there for two or three years. Upon dissolution of the firm there the factory was dissembled piece by piece and sold out.

Now there is Dayton, Stimson, Toledo, National and other computing scales on the market.

"But it makes no difference what scale it is, they've all got my idea," said Mr. Christopher.

Following are some of the nine or ten different types of scales and calculators which he invented:

Lumber Calculator,  
A Multiplying and Adding Machine,  
Merchant's Calculator,  
Gas Meter and Calculator (not patented.)

Cotton Weighing and Computing Scale.

This last was used quite extensively for weighing and computing cotton, cattle, etc., and was one of his outstanding inventions.

#### "Necessity The Mother—"

That "necessity is the mother of invention," is true as regards the computing scale.

Mr. Christopher stated that he got the idea from watching an old-fashioned country merchant of the Bethel section weigh and sell a piece of meat.

It seems that the merchant was rather "poor in figures," so after weighing the meat he was quite a while getting it counted up for the customer—

"Looks like a scale could be invented that would do away with all that figuring," said Mr. Christopher, who was looking on . . . "I think I'll make one myself." And he did that very thing!

#### Set-Backs and Discouragements

But he had his set-backs and discouragements, especially in the manufacturing and marketing of the things which he invented.

For example, a stock company was formed at Spartanburg for the manufacture of Mr. Christopher's Rotary Engine; a factory was built and equipped at an expense of approximately \$90,000. But just as they were getting ready to start up the factory was burned down and everything destroyed. There was no insurance and the enterprise was abandoned.

"No, it wasn't all easy sailing," remarked Mr. Christopher, with his usual broad, amiable smile . . . "Not by a jug full."

### 327 LIQUOR STORES ARE GIVEN PERMITS

The South Carolina tax commission has issued 327 new retail liquor store licenses since the new fiscal year began on July 1, 1937.

### "St. Louis Woman"



Wauneta Bates

"St. Louis woman," celebrated in the ballad of the same title, might be depicted by stunning Wauneta Bates, professional dancer who was chosen "Miss St. Louis" for the national beauty pageant at Atlantic City.

### SUBSCRIPTIONS

The following subscriptions have been received during the past two weeks:

- P. P. Crawford, Route 2.
- Mrs. R. C. Long, Lake Junaluska.
- Mrs. Laura Carnes, Route 2.
- Fred Medford, Route 2.
- J. W. Green, Route 2.
- Mrs. G. C. Paxton, Canton.
- Miss Hester Davis, City.
- G. W. Messer, Cove Creek.
- W. C. Chambers, Route 2.
- Miss Flora Palmer, Nellie.
- Bennie F. Hankinson, Aiken S. C.
- W. S. Ferguson, Route 2.
- Miss Robina Miller, City.
- Gideon Francis, Route 1.
- O. G. O'Brien, Clyde, Route 1.
- Clarence Barnes, City.
- Leo Buckner, Jr., Norfolk, Va.
- E. P. Martin, City.
- Luther Gordon, Route 1.
- R. C. Hensley, Route 1.
- J. M. Kelly, Route 2.
- R. N. Griffin, Hazelwood.
- H. C. Ledbetter, Canton, Route 2.
- Marion Smith, City.
- G. H. Putnam, Hazelwood.
- Frank Mathis, Hazelwood.
- T. J. Chastine, Route 2.
- Paul Caldwell, Route 2.
- Porter Gentry, Route 1.
- Mrs. E. T. Turner, Dayton, Ohio.
- Howard Collins, Hazelwood.
- Miss Alma Chambers, Canton, Route Two.

- Mrs. P. L. Turbyfill, City.
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- Fred S. Rude, Brooksville, Fla.
- Miss Helen Coffey, Jefferson City, Tennessee.

- Mrs. Chas. M. Hard, Elyria, Ohio.
- Frank Battle, City.
- Miss Marion Boggs, Route 1.
- John W. Shook, Clyde.
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- Will M. Ray, City.
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- Mrs. Susan Crawford, Dayton, O.
- John F. Stamey, City.
- C. L. C. Putnam, Hazelwood.
- Miss Wilsie Snyder, Route 1.
- Ralph Prevost, Hazelwood.
- Fred Marcus, Hazelwood.
- Will R. Ray, City.
- Joe Howell, City.
- Joe Gaddis, City.
- A. G. Baldwin, Cove Creek.
- T. L. McHone, Hazelwood.
- Allen Rathbone, Route 1.
- Mrs. Hector Robinson, Hazelwood.
- Porter Gentry, Hazelwood.
- Arie McClure, Hazelwood.
- T. J. Chastine, Route 2.
- Emmett Ballentine, City.
- Mrs. A. G. Boineau, Hazelwood.
- Mrs. F. M. Townsend, McDonald, N. C.
- Fred Martin, City.
- J. C. Adams, Route 1.
- M. H. Bowles, City.
- J. B. James, Clyde, Route 1.

### Doctor Sues Those Who Kept Him From Suicide

In a Federal District Court in Illinois last week Dr. Andrew C. Kelly sued the Mercyville Sanatorium and St. Joseph's Mercy Hospital, both of Aurora, for \$200,000. While a patient, Dr. Kelly tried to kill himself, but was restrained, he claimed, by use of a leather and metal strap "so unskillfully adjusted" as to cause his hand to be permanently crippled.

# BACK TO SCHOOL

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Boy's suede jacket with slashed pockets, knitted band. . . . . \$4.95

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BOYS WEAR CORDUROY Materials JACKETS— LONG PANTS— KNICKERS— SHORTS—

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Learn your fashion lesson before you learn your school lessons, and you'll know the wisdom of thrift . . . the economy of quality . . . the virtue of trading at RAY'S.

WE'RE HERE TO PLEASE PLEASE

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Slip-overs, all-wool

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Soft, luscious pastel sweaters in a style variety at

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Fleece fabric ski suit for kindergartners to size 12.

Mackinaw in wool fabrics, brightly striped for college and high schools.

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Collars made under patents of the TRUBENIZING PROCESS CORPORATION NO STARCH NEEDED

Good school clothes that are durable—but good looking enough to thrill young vanity. Priced to fit in the budget.

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\$3.95 to \$9.95

SIZES 5 TO 16

Attractive well tailored coats of outstanding value. Bright colors in durable fabrics. Coats selected to please both the child and the mother.

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High school and college girls demand and deserve smartly tailored clothes. Knowing accurately their needs we have assembled an extremely attractive group of coats.

—COATS THAT WILL PLEASE—  
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