

INFRINGERS  
SUED

CHARLES J. MERRIAM  
WILLIAM A. MARSHALL  
JEROME B. KLOSE  
NORMAN M. SHAPIRO  
BASIL P. MANN  
CLYDE V. ERWIN, JR.  
ALVIN D. SHULMAN  
EDWARD M. O'TOOLE  
R. JONATHAN PETERS  
ALLEN H. GERSTEIN  
OWEN J. MURRAY  
DONALD E. EGAN

LAW OFFICES

MERRIAM, MARSHALL, SHAPIRO & KLOSE  
THIRTY WEST MONROE STREET  
CHICAGO, ILLINOIS 60603

TELEPHONE  
FINANCIAL 6-5750

April 13, 1966

Mr. Robert E. Merriam  
University Patents Inc.  
30 West Monroe Street  
Chicago, Illinois 60603

Re: University of Illinois Foundation  
v. Jerrold Electronics Corporation  
and R. Cooper Jr., Inc.  
Civil Action No. 66 C 636

Dear Bob:

This will confirm, for your records, the fact that we filed suit on April 8, 1966, on behalf of the University of Illinois Foundation against Jerrold Electronics Corporation and R. Cooper Jr., Inc. for infringement of Patent Nos. 3,150,376 and 3,210,767.

The action has been designated as Civil Action No. 66 C 636.

Very truly yours,

Original Signed by  
BASIL P. MANN

Basil P. Mann

BPM/mto

cc: Mr. James C. Colvin  
~~Mr. Edward Finkel~~  
Mr. Sidney G. Faber

CHARLES J. MERRIAM  
WILLIAM A. MARSHALL  
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CHICAGO, ILLINOIS 60603

TELEPHONE  
FINANCIAL 6-5750

April 6, 1966

Mr. Robert E. Merriam  
University Patents, Inc.  
30 West Monroe Street  
Chicago, Illinois 60603

Dear Bob:

For your records, this will confirm that  
the following suits were filed in the District  
Court in Chicago on March 29, 1966:

University of Illinois Foundation v.  
Blonder-Tongue Laboratories, Inc.  
and Allied Radio Corporation  
Civil Action No. 66 C 567

and

University of Illinois Foundation v.  
Channel Master Corporation and  
Electronic Distributors, Inc.  
Civil Action No. 66 C 568.

To date, there has been no appearance of  
counsel in either of these cases.

Very truly yours,

Original Signed by  
BASIL P. MANN

Basil P. Mann

BPM/mto

cc: Mr. James C. Colvin  
← Mr. Edward Finkel  
Mr. Sidney G. Faber

CHARLES J. MERRIAM  
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LAW OFFICES

MERRIAM, MARSHALL, SHAPIRO & KLOSE  
THIRTY WEST MONROE STREET  
CHICAGO, ILLINOIS 60603

TELEPHONE  
FINANCIAL 6-5750

March 11, 1966

Mr. Robert E. Merriam  
University Patents, Inc.  
30 West Monroe Street  
Chicago, Illinois 60603

Re: University of Illinois Founda-  
tion vs. Winegard Company

Dear Bob:

We have just been informed that our suit against Winegard Company was filed on March 8, 1966, in the Southern District of Iowa, Eastern Division, and was transferred by order of court in accordance with their usual practice to the Davenport Division on March 8, 1966. The identification of the case in the Davenport Division is Civil Action No. 3-695-D.

Very truly yours,

Original Signed by  
BASIL P. MANN

Basil P. Mann

BPM/mtc

cc: Mr. James C. Colvin  
~~Mr. Edward Finkel~~  
Mr. Sidney G. Faber

CHARLES J. MERRIAM  
WILLIAM A. MARSHALL  
JEROME B. KLOSE  
NORMAN M. SHAPIRO  
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NATE F. SCARPELLI

LAW OFFICES

MERRIAM, MARSHALL, SHAPIRO & KLOSE

THIRTY WEST MONROE STREET  
CHICAGO, ILLINOIS 60603

TELEPHONE  
FINANCIAL 6-5750

February 28, 1966

Mr. Edward Finkel  
Vice President - Sales  
JFD Electronics Corporation  
15th Avenue at 62nd Street  
Brooklyn, New York 11219

Re: The Finney Company v. JFD Electronics Corporation and The University of Illinois Foundation (Civil Action Nos. 65 C 220 and 65 C 671 - Consolidated)

Dear Ed:

Bob Merriam has requested that we reply to Sid Faber's letter of January 6, 1966, to him in which the request is made that additional lawsuits be filed against infringers of the patents under which you are licensed by the agreement of December 1, 1965.

This letter will also confirm the understanding we reached during the meeting in Mr. Faber's office on February 22, 1966. Pursuant to this understanding, we will file infringement suits directed against the products of the following manufacturers:

- Jerrold Electronics Corp.
- Blonder-Tongue Laboratories, Inc.
- Channel Master Corporation
- S & A Electronics, Inc.
- RMS Electronics, Inc.
- Kay-Townes Antenna Company.

In accordance with your letter of February 24, 1966, to Pete Mann, we have dropped Lafayette Radio Corp. from the list of infringing companies in view of your information that they have discontinued the infringing antennas. We further understand that Color-Craft has announced an intention of manufacturing an infringing product but has not yet done so, and that you have agreed to drop consideration of suits against Antenna Designs and Antenna Craft at this time.

Mr. Edward Finkel  
Page Two  
February 28, 1966

The suit involving Winegard will be filed in the Southern District of Iowa where the home offices of this company are located. All of the other suits will be filed against distributors of the infringing antennas, in Chicago in those cases where possible, or otherwise in the district nearest to Chicago in which sales of infringing antennas are made. In these suits, ← the respective manufacturers will be named as parties.

In connection with the preparations for filing these suits, we have been attempting to get information concerning the names and addresses of local distributors from Bill Clancy, who unfortunately has been away from his office or otherwise unavailable for several days. On the basis of the information which we now have, we understand that Channel Master, Winegard, Blonder-Tongue, and RMS have distributors in the Chicago area although we do not yet have the names and addresses. Suits against the distributors of these companies will be filed in the Northern District of Illinois (Chicago), naming Allied Radio where possible.

With respect to Jerrold, we understand that this company has distributors in downstate Illinois and in Northern Indiana and will be sued in an appropriate district.

At the present time, we have no information at all concerning the locations of distributors for S & A and Kay-Townes. Although we have requested information concerning the specific locations of distributors for all of the companies on the above list from Bill Clancy, we understand he will not be able to supply this information before possibly the middle of the week. If this information is available in your office, we might save time if you can supply it.


In your letter of January 3, 1966, to Sid Faber, you set out the specific antennas which you believe to be infringements of the patents. We have checked our files and find that, with respect to S & A Electronics and Kay-Townes, we have insufficient information to enable us independently to evaluate whether or not their products constitute infringements of the patents. Although we have copies of advertisements which appear to show infringements, we, nevertheless, feel that we should have a dimensional diagram showing the specific construction of these antennas before we file suit. Accordingly, we would appreciate receiving from you dimensional diagrams for products of these companies.

MERRIAM, MARSHALL, SHAPIRO & KLOSE

Mr. Edward Finkel  
Page Three  
February 28, 1966

If you have any comments or questions on this matter,  
please call me.

Sincerely yours,



William A. Marshall

mtc

cc: Mr. Robert E. Merriam  
Mr. James C. Colvin  
Mr. Sidney G. Faber

CHARLES J. MERRIAM  
WILLIAM A. MARSHALL  
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LAW OFFICES

MERRIAM, MARSHALL, SHAPIRO & KLOSE

THIRTY WEST MONROE STREET  
CHICAGO, ILLINOIS 60603

TELEPHONE  
FINANCIAL 6-5750

January 6, 1966

Mr. Edward Finkel  
Vice President - Sales  
JFD Electronics Corporation  
15th Avenue at 62nd Street  
Brooklyn, New York 11219

Re: U. S. Patent No. 3,150,376  
U. S. Patent No. 3,210,767

Dear Ed:

For your information, I have just received an acknowledgment from counsel for Jerrold Electronics Corporation regarding our notice of infringement of December 27, 1965.

The letter states that they are investigating the matter and expect to advise us within the next two or three weeks.

Very truly yours,



Basil P. Mann

BPM/mtc



07 .

December 30, 1965

Merriam, Marshall, Shapiro & Klose  
30 West Monroe Street  
Chicago, Illinois 60603

Attention: Mr. Basil P. Mann

Re: Jerrold Infringement

Dear Pete:

I was very pleasantly surprised this morning when I received your letter of December 28th, indicating that you had notified Jerrold of their infringement of two patents, #3,150,376 and #3,210,767.

It is the nicest Christmas present I have ever had and the fact that you initiated the action on your own is doubly gratifying to me.

You have not indicated any time limit as to their reply, but I would imagine the normal procedure calls for an answer within a thirty day period. If I am wrong in this impression, let me know, and also please keep me informed of the progress in this matter.

Again, my sincere thanks and best wishes for a very Happy New Year.

Sincerely,

Ed Finkel

EF/ea

CHARLES J. MERRIAM  
WILLIAM A. MARSHALL  
JEROME B. KLOSE  
NORMAN M. SHAPIRO  
BASIL P. MANN  
CLYDE V. ERWIN, JR.  
ALVIN D. SHULMAN  
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LAW OFFICES

MERRIAM, MARSHALL, SHAPIRO & KLOSE

THIRTY WEST MONROE STREET  
CHICAGO, ILLINOIS 60603

TELEPHONE  
FINANCIAL 6-5750

December 28, 1965

Mr. Edward Finkel  
Vice President - Sales  
JFD Electronics Corporation  
15th Avenue at 62nd Street  
Brooklyn, New York 11219

Re: U. S. Patent No. 3,150,376  
U. S. Patent No. 3,210,767

Dear Ed:

Enclosed is a copy of a notice of infringement which was mailed yesterday to Jerold - Taco.

We have examined their products and believe that a suit should be instituted against them unless they give the requested assurance that they will cease infringement.

Very truly yours,



Basil P. Mann

BPM/mta

Enclosure

CHARLES J. MERRIAM  
WILLIAM A. MARSHALL  
JEROME B. KLOSE  
NORMAN M. SHAPIRO  
BASIL P. MANN  
CLYDE V. ERWIN, JR.  
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NATE F. SCARPELLI

LAW OFFICES

MERRIAM, MARSHALL, SHAPIRO & KLOSE

THIRTY WEST MONROE STREET  
CHICAGO, ILLINOIS 60603

December 27, 1965

TELEPHONE  
FINANCIAL 6-5750

Jerold Electronics Corporation  
15th and Lehigh Avenues  
Philadelphia 32, Pennsylvania

Re: U. S. Patent No. 3,150,376  
U. S. Patent No. 3,210,767

Gentlemen:

On behalf of the patent owner, the University of Illinois Foundation, we call your attention to the subject U. S. patents, which we believe are infringed by certain antennas made by your Taco subsidiary.

Specifically, we believe that Patent No. 3,150,376 is infringed by your Pathfinder series of antennas, as exemplified by Model PAB-70, and possibly others, while Patent No. 3,210,767 is infringed by your Parallog series, as exemplified by JTP-190, and possibly others.

We ask that you immediately refrain from further infringement of these patents. Failure on your part to cease and desist manufacture of all antennas infringing the subject patents will result in litigation which we desire to avoid, if possible.

Copies of the two patents identified above are attached for your information. Also included is a third patent, No. Re. 25,740, which is closely related and may be of interest.

We would appreciate a prompt acknowledgment of this notice and an assurance that you will cease infringement.

Very truly yours,

BPM/mtc  
Enclosures

Basil P. Mann

BC: Mr. Edward Finkel

January 20, 1965

REGISTERED MAIL R.R.R.

Samuel B. Smith, Esq.  
Merriam, Smith & Marshall  
30 West Monroe Street  
Chicago, Illinois 60603

RE: JFD-4.201 - University of Illinois Foundation

Dear Sam:

We have had an opportunity to examine the Finney structure and have considered the matter with JFD and have also considered JFD's independent right to bring an action with respect to licensed patents.

We have reviewed the Finney structure: VE-Log, VL 5, VL 10, VL 15 and VL 18, which employ constant spacing in the driven section.

In our opinion, the Finney structure as embodied in the above antennas is fully covered by the Mayes and Carrell Patent No. 3,108,280,--even the original claims thereof.

As the attorneys for JFD, we call upon you immediately to institute an action for patent infringement against Finney with respect to the said Mayes and Carrell Patent No. 3,108,280 without waiting for the reissue patent and suggest that the reissue patent may be substituted by supplemental complaint after the reissue patent is obtained.

JFD finds itself in a position where it is subject to the cost of royalties with respect to the log-periodic type of antenna where its competitors are free of this burden.

The bringing of such an action will serve to put the entire industry on notice that when the log-periodic concept is used whether or not constant spacing is used, the spirit and basic concept of the University patents are being used. The University will, therefore, protect its licensees and enforce its rights.

A copy is enclosed for transmission ~~to~~ the University of Illinois Foundation.

Sincerely,

SGF:ghr  
Enc. (1)

Sidney G. Faber

# JFD

## JFD ELECTRONICS CORP.

May 14, 1964

Merriam, Smith & Marshall  
30 West Monroe Street  
Chicago, Illinois

Attention: Mr. Sam Smith

OSTROLENK, FABER, GERB & SOFFEN			
✓ SEEN BY		○ RETURN TO	
S.O.	S.G.F.		
B.G.	M.C.S.		
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M.S.P.	S.H.W.		
J.M.B.	L.W.		
S.J.F.	M.S.G.		
DUE DATE	OK TO FILE		

Re: Finney Co. & LPV

Dear Sam:

You will note from the enclosed publicity release that we have another new competitor making Log Periodic V antennas. Finney is one of the big five in the antenna business and represents the most serious challenge to the Log Periodic V structure we are facing to date.

I hope to be able to see his antennas at the show and get more data on the other two types mentioned, namely The Twin Boom Swept Wing and The Twin Boom Broad-Log.

Again I must ask that you give earnest consideration to moving off this dead center position that we are now in and indicating to the trade our intent to protect and enforce even the patents that have issued.

Can you please arrange with Jim Colvin to see me while I am in Chicago. I will be at the Conrad Hilton Hotel, Saturday afternoon, May 16th, through Wednesday evening, May 20th, and while I have a number of fixed appointments I will do my utmost to see you at your convenience.

Sincerely,

Ed Finkel  
cc-J. Colvin & S. Faber  
EF/ss  
encl.

March 16, 1964

Marrison, Smith & Marshall  
30 West Monroe Street  
Chicago, Illinois

Attention: Mr. Sam Smith

Dear Sam:

It would seem Mr. Blonder is looking to steal our thunder on the Log periodic antenna. He almost makes it sound like he invented the design rather than Mr. Iebel.

Any late information on the Iebel patent application would be appreciated.

Sincerely,

Ed Finkel

EF/cs  
encl.

### Sprague Electric Reports Sales, Net Earnings for 1963

**WORTH ADAMS, MASS., Thursday**—Sales of Sprague Electric Co. in 1963 were \$83,261,072 as compared with sales in 1962 of \$86,954,897. Net income after taxes in 1963 came to \$4,628,735, equal to \$2.99 per common share on 1,548,362 shares outstanding at year-end. This compared with a net income in 1962 of \$6,430,077, or \$4.25 per share from operations and \$3.01 per share after a non-recurring charge in 1962 on the 1,512,590 shares outstanding.

These results were announced today by Robert C. Sprague, chairman of the board and treasurer, and Ernest L. Erd, president.

The executives attributed the company's earnings decline to "a combination of lower sales volume, unusually severe price competition in certain areas, and substantially increased expenses for development and introduction of new products."

The lower sales volume was attributed primarily to an unexpected decline in shipments of electronic components to the military, although "consumer and industrial markets showed small increases."

### Stephen Decatur Dead; Led Electronics Firm

Stephen Decatur, active in the radio and electronic industry until his retirement in 1955, died March 7 at the Veterans Administration Hospital, Brook-N. Y. He was 77 years old.

Mr. Decatur, after World War I, had a production manager of the former A. H. Grebe Co., a radio manufacturer in New York, and later established the Stephen Decatur Manufacturing Co., an electronic components manufacturer in Brooklyn.

Mr. Decatur had resided at 114 14th St. in Garden City, N. Y.

### Pennsylvania Doubles Output of Color Television Tubes

Pennsylvania Electric Products Inc. has doubled its production of color television picture tubes since the beginning of this year, Merle W. Kremer, senior vice president of the electronic tube division, disclosed last week.

Mr. Kremer said that the company's color TV tube manufacturing facilities at Seneca Falls, N. Y., are operating

## New Antennas Meet the Requirements of UHF and Color TV, Blonder Reports

**Board Chairman of Blonder-Tongue Laboratories Cites Need for Proper Antenna for Color and UHF Reception; Firm Features New Golden Dart Model**

**NEWARK, N. J., Wednesday**—This year's boom in UHF and color TV is focusing increased attention on the antenna as a key reception aid in home TV systems, I. S. Blonder, Board Chairman of Blonder-Tongue Laboratories, reported this week.

Electronic technicians point out that the deficiencies in equipment that were often overlooked in the days of black and white will no longer be ignored now that color is here. They base this view on the fact that the reception defects in a home system show up more clearly in color than they do in black and white.

To meet these more rigorous needs of UHF and color TV, electronic companies are developing new and better antennas along with a wide range of other reception equipment, such as amplifiers and boosters.

This trend toward improved reception equipment is opening up many excellent profit opportunities for dealers. Alert dealers can tie in the sale of an antenna or booster along with that of a set by pointing out to the customer that color requires a stronger signal than black and white, if it is to yield a good picture. This is because noise deteriorates color more rapidly than sound or picture. Also, lack of uniform response can cause phase shifts, resulting in color changes. By improving the TV signal, a good antenna can produce far more quality in color and UHF reception, Mr. Blonder said.

The basic job of an antenna is to pull in a good signal and to work effectively with other equipment in the system. The major drawbacks in the workings of many of today's antennas—both VHF and UHF—are related to such factors as multiple lobing, poor frequency sensitivity, and a level of performance that is not uniform over the entire bandwidth.

Blonder-Tongue Labs, a pioneer in the UHF field for over ten years, recently introduced its new Golden Dart UHF antenna, priced at \$5.95. The antenna is designed on the periodic principle used in the U. S. satellite program, enabling it to provide more uniform gain.

"Our objective was to design a device that would match the performance levels of our other UHF products, such as converters, boosters, amplifiers and couplers," Mr. Blonder said. "We found that weaknesses in some antennas were often preventing our own amplifiers

## Record Attendance Seen for Meeting of AEM-East

**March 25 Luncheon in New York to Attract Industry Leaders of Eastern Division**

A record number of attendees is expected to a luncheon meeting on March 25 of the Association of Electronic Engineers—Eastern Division, at the Clinton Hotel in New York.

William C. Copp, executive director of IEEE; Gail Carter, president of the National Electronic Distributors Association; Prince, executive secretary of the Electronic Industries Association, and other industry associations are expected to attend their intentions of meeting.

A highlight of the meeting is a report on the 1964 Part I luncheon meeting, which will be held on March 25.

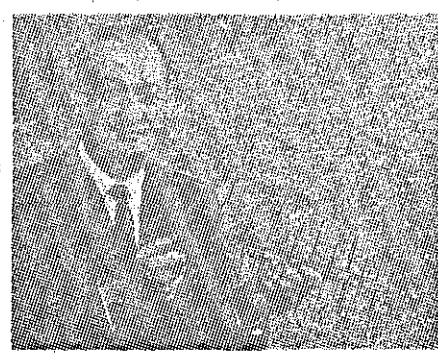
Hank Russell, vice president of United Transformer Co., president of AEM-Eastern, will preside at the luncheon meeting, which will begin at 12:15 P. M.

David Susser, AEM-Eastern vice president and reported the admission of new members at the February meeting. They are:

Acrogen, Inc., of Hightstown, maker of electronic hi-fi components; Electronics, Inc., of Philadelphia, manufacturer of speaker systems and tape recorder components; Radatronics, Inc., of New York, markets an exclusive electronic tubes; Radatronics, N. Y., supplies and transistorized components; and Scope Electronics, supplier of EMI high-frequency tubes.

## Philco Introduces New Line of Radios

**PHILADELPHIA,** Philco Corp., last week announced a new line of radios that incorporate transistor miniature components. The suggested list price of the new line of radios is \$19.95.



**I. S. Blonder Showing a New Antenna**

on a relative basis, on the number of elements, the size of the antenna, or the distance the antenna is capable of receiving. These figures are meaningless to a trained engineer or technician," said Mr. Blonder, "and we do not want to give out figures that are mere generalities." He noted that the company would continue to develop antennas with optimum performance, rather than units designed to "meet a price."

An important feature of the Golden Dart is its sturdy construction and durability. To prevent severed electrical contacts, it is constructed with all-welded connections, rather than riveted connections. Welded contacts, it was noted, tend to outlast the riveted type, since there is less likelihood of corrosion. The pre-assembled UHF antenna also has polypropylene plastic insulators that prevent lead-in wire from breaking.

"1964 is definitely the year for color TV, and UHF is forging TV into a broad new future. In communities everywhere, new UHF's are going on the air," Mr. Blonder pointed out. Strengthening this trend is the dynamic growth of HDTV and the effect of the all-channel law. "We believe that our low-cost, high-gain antenna will play an important role in providing the properly-matched, single lobe reception that viewers require for a good, clear TV picture," he concluded.

## Gallo Electronics Corp. Settlement Plan Sought

An unofficial committee of creditors of Gallo Electronics Corp., of New Rochelle, N. Y., has been formed to work out the best possible plan of settlement for the company.

February 13, 1964

Harrison, Smith & Marshall  
20 West Monroe Street  
Chicago, Illinois

Attention: Mr. Sam Smith

Dear Sam:

Hello, Hello, Hello.

Just to keep you up to date, enclosed is a publicity release on Log Periodic UHF antenna being put out by Blonder-Tongue.

This falls under Label and I know we will just have to bide our time, but I am keeping you abreast of what is going on.

Regards, Regards, Regards.

Goodbye, Goodbye, Goodbye.

Sincerely,

Ed Flukel

EF/cs  
encl.



January 15, 1964

Horrian, Smith & Marshall  
30 West Monroe Street  
Chicago, Illinois

Attention: Mr. Sam Smith

Dear Sam:

I have received your very nice letter wishing me a Happy New Year and while I do appreciate the sentiments, you know that the only thing that can make me happy for 1964, is to aggressively push our plans for protecting and enforcing the Foundation's patents. While we sit idle, our competitors are literally "knocking us off" and we must do something to start the actions against them.

I am enclosing herewith a copy of a note and bulletin put out by Ray-Foumes on their copy of our LPV. I am also enclosing a copy of literature and bulletin put out by Blonder-Tongue on their UHF log periodic antenna.

I implore you to follow through on the commitment made to start action against these people as well as others noted in my recent letters and make 1964 the year in which the industry is made aware that the Foundation is going to protect itself.

Sincerely,

Ed Finkel

EF/cc  
encl.

cc-J. Colvin  
P. Hayes

# JFD

## JFD ELECTRONICS CORP.

August 25, 1964

Merriam, Smith & Marshall  
30 West Monroe Street  
Chicago, Illinois

Attention: Mr. Sam Smith

Re: Finney Log Periodic Antenna  
for VHF-UHF-FM

Dear Sam:

Enclosed is a copy of the new Finney Company, Bedford, Ohio, antenna for VHF, UHF, and FM coverage.

It is apparent that they have taken the LPV section and added the equivalent of a Bladder-Tongue straight dipole UHF section to make the combination antenna. THIS APPEARS TO ME TO FALL UNDER THE CARREL AND MAYES MULTI-BAND PATENT CLAIMS.

I have ordered one of each of the three models from Allied to be shipped to the lab at which time the report will be made available to you. Also, please let me know which of these antennas you want shipped to your office for your own examination.

The plot is thickening and unless we are prepared to take some action against these people the whole protective structure of the log periodic concept is in jeopardy.

I would appreciate your comments.

Sincerely,

Ed Finkel

EF/ss

cc-S. Faber

J. Colvin

P. Mayer