

To go Allen
Allen

March 30, 1939

Mr. H. V. Porter, Secretary
National Basketball Committee
of the United States and Canada
11 South LaSalle Street
Chicago, Illinois

Dear Mr. Porter:

Your letter of March 29 addressed to our Research and Development Engineer, Mr. G. R. Chervenka, comes to me for attention and I note with considerable interest your comments concerning the new basketball backstops which were demonstrated here in St. Louis yesterday.

I regret exceedingly that it was not possible for you to be with us because I believe you would have found the demonstration of more than ordinary interest.

Dr. Allen discussed your problem and our equipment to some length with a number of us, and as will be noted from the attached copies of our local newspapers, a number of interested coaches in this vicinity were present during the demonstration.

As the result of yesterday's meeting we are arranging to build three different backstops, one of which will be in the conventional 4' x 6' size with the convex surface, the second one being much on the same order but with the bottom corners eliminated, and the third backstop will be built according to the specifications given us by Dr. Allen and which are in keeping with the details contained in your letter of March 29.

Incidentally, in connection with the latter backstop I understand that Mr. Chervenka has prepared a detailed drawing which he is going to submit to you today for approval. We hope you will give this matter immediate attention and return the drawing to us with any changes that may be indicated, although I believe we have correctly interpreted the specification relayed to us by Dr. Allen. I make this statement so we can immediately put this special work in our shop and arrange to have several sets of samples made.

It is our intention to submit a set of these three different backstops for your Committee meeting in New York on May 1, subject to the acceptance of our offer of these samples to Mr. Salmon, to whom we are writing today upon the suggestion of Dr. Allen.

#2
H.V.Porter
Chicago, Ill.

We accept with pleasure your suggestion that we forward a set of samples to you in Chicago. We ask that you supply us with the name and address of the gymnasium in which these three samples could be temporarily installed, so that we can arrange to ship them to the proper address. If you will give us this information we shall take care of the erection detail from our office in Chicago.

I appreciate your invitation to consult with you in Chicago some time prior to your meeting in New York on May 1 and we shall undoubtedly avail ourselves of same. Likewise, it is a pleasure to co-operate with your organization in developing this equipment and we shall lend our best effort toward building a backstop that will suit your needs.

No doubt Dr. Allen will communicate with you and I believe I am safe in stating that the board we demonstrated, illustrating the convex surface, appears to have a great possibility. Just what form it will take, as far as outside dimensions are concerned, is something that will have to be determined, but I believe the convex surface idea is fundamentally correct and that you and your associates will approve it.

Cordially yours,

FRED MEDART MANUFACTURING CO.

President

E.J.Medart/AC

CC
to
Allen

March 30, 1939

Mr. H. V. Porter
11 South LaSalle St.
Chicago, Illinois

Dear Mr. Porter:

Supplementing Mr. Medart's letter of even date, we are enclosing blueprint ME-45 illustrating the basketball bank as suggested by you through Dr. Allen.

Just to be sure that we have correctly interpreted Dr. Allen's comments, we ask you to kindly inform us as to the correctness of dimensions as shown, or if you would like to make any changes before we fabricate a sample bank. This bank will be made with a convex face.

Anticipating an early reply so we can get these sample banks through at the earliest possible date, we are

Yours very truly,

FRED MEDART MANUFACTURING CO.

Research & Development Engineer

G.R.Chervenka/AC

P.S. If any changes are desired just mark up and return the additional blueprint.

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ST. LOUIS, MO.

AIR MAIL
SPECIAL DELIVERY

March 30, 1939

Dr. Forrest C. Allen
C/o Martin Hotel
Sioux City, Iowa

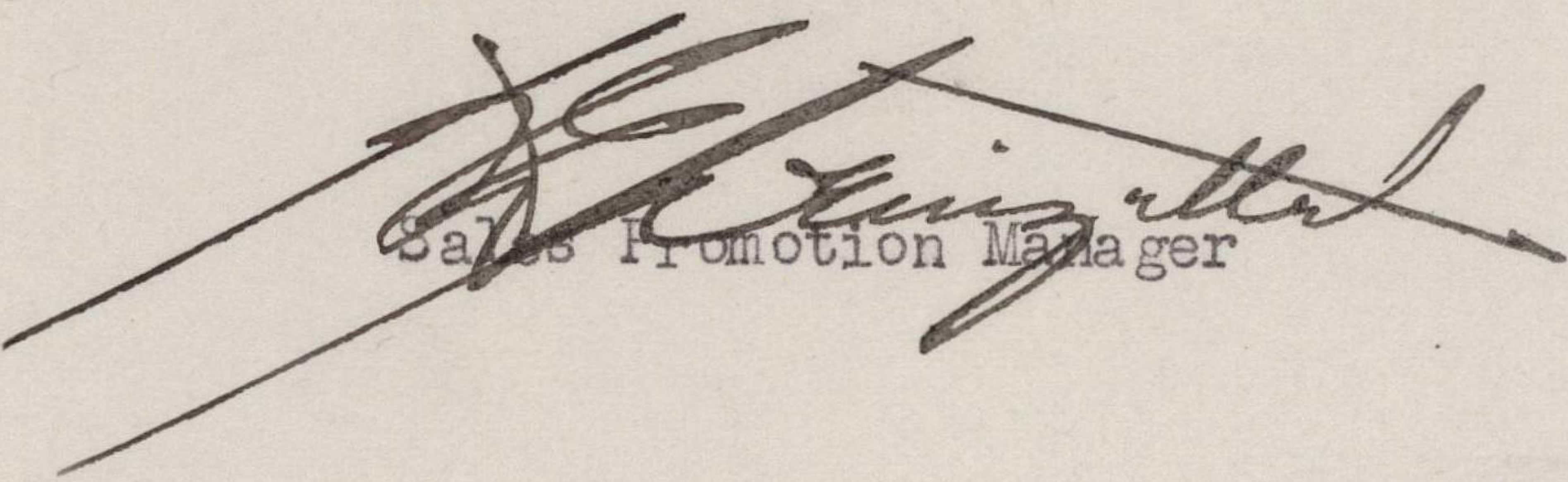
Dear Dr. Allen:

I want to again tell you how much I enjoy yesterday with you here in St. Louis and that I am looking forward to the pleasure of dropping in on you some time in Lawrence, and I hope it will not be too far in the future.

Today's papers certainly carried some nice publicity on the meeting yesterday and I am sending you copies of the three articles because I believe you will be interested in some of the comments made. For your information I am buying about 100 of each of these papers and will have some extra copies if you desire them for any purpose.

Again, thank you for joining us yesterday and for the very interesting "behind the scenes" information that you gave us. I hope you have a very pleasant journey to the Coast and a safe return home.

Cordially yours,


Sales Promotion Manager

R.E. Weinzettel/AC
Enc.

*Station KXOK (Star-Times) broadcast
a 15 minute 'story' on the new
backstop, this A.M.!*

TO

Mr. Porter
Dr. Allen

DATE

1/2/39

SUBJECT

Just a last minutes
check on tonights demonstration

We have some N.Y.U
players lined up for
7 P.M. and will otherwise
be ready for your
committee - If for
any reason the
demonstration cannot take
place tonight, will
you please advise
the writer or Mr. E. J. Medart
- both at the Park Central
Hotel - As you know

FROM

TO _____ DATE _____

SUBJECT _____

- 2 -

The special backboards
are being installed
in the downtown N.Y.
U. Boys Gym -
Washington Square -

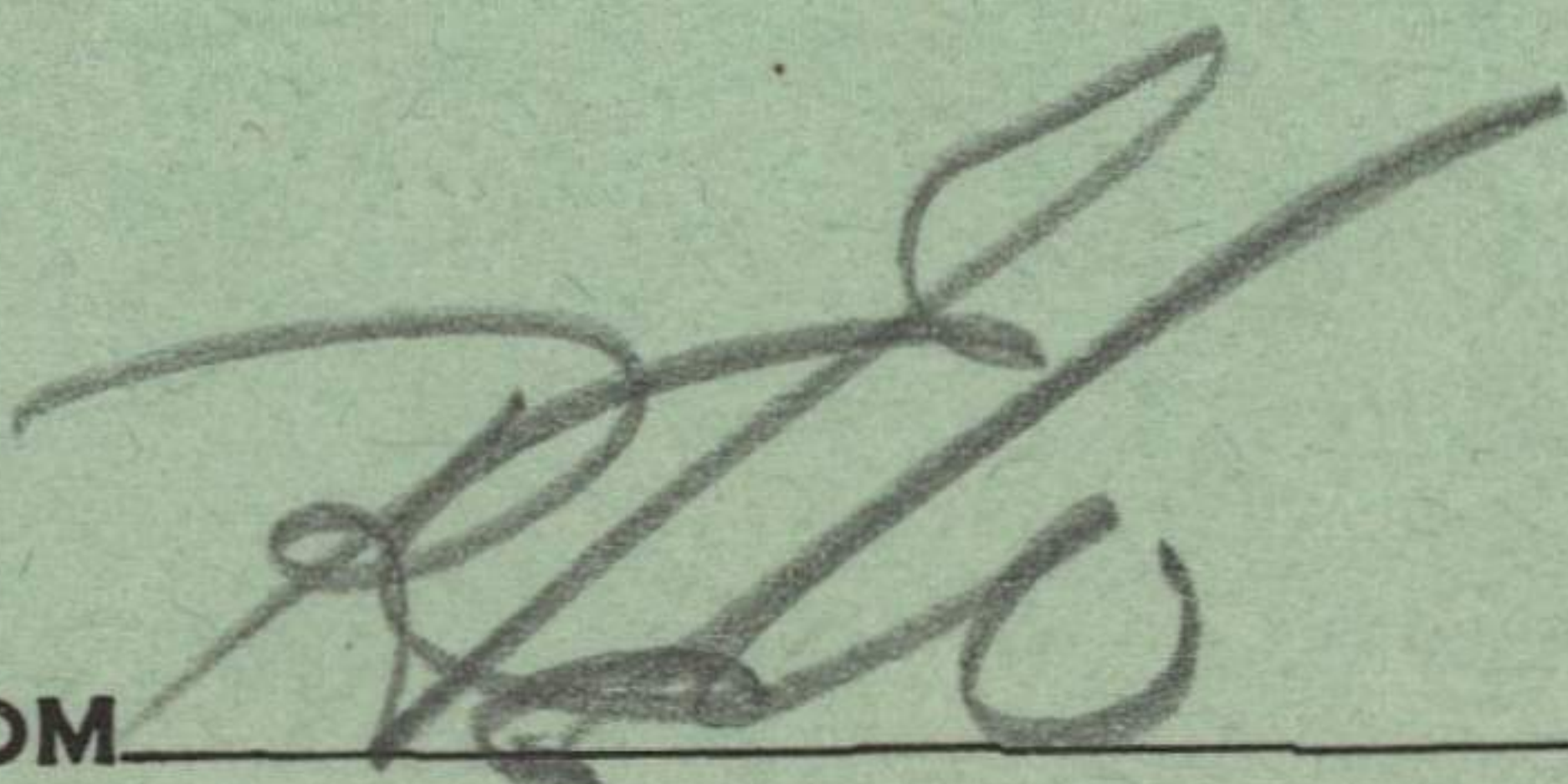
R. E. Wingetel

FROM _____

TO Dr Allen DATE 5/2

SUBJECT _____

Attached are new
ideas, as promised
you yesterday -

FROM 

April 10, 1939.

Mr. G. R. Chervenka,
Research Engineer,
Medart Manufacturing Co.,
St. Louis, Missouri.

Dear Mr. Chervenka:

This will acknowledge receipt of your letter of the 8th instant, and I want to thank you for the trouble that you have gone to in getting the backboards worked out according to the proper shooting diagram.

I am very sure that the dimensions as shown on the enclosed print are correct, and if you would kindly paint the diagram on all three of the sample banks I would appreciate it.

When I talked to Mr. Weinzettel he was of the opinion that he could get the banks here by the 9th of April. I have just returned from San Francisco and am very anxious to do some research work on these boards before our Rules Committee meeting in New York on May 1 and 2. I am wondering if you could hasten the banks to me, especially the convex one $2\frac{1}{2}$ by 4, and the other convex board regulation size without the cut-away at the bottom. I would like to call out my varsity men and do some work on these at the earliest possible moment. Will you kindly advise me when it will be possible to have them here in Lawrence?

I am glad that you like the copy of "Better Basketball". You and your force may feel free to keep it as long as you wish. I am of the opinion that a text of this kind rather gets us all acquainted, at least in a basketball family where we are designing backboards and trying to develop basketball research. I am sure that you have already referred to the research in basketball in this book. It was my notion that we could stimulate research among basketball men by outlining some of the problems that have been attacked.

Appreciating your kindly cooperation and hoping that you can get the boards to us soon, I am, with kindest personal regards,

Sincerely yours,

Director of Physical Education,
Varsity Basketball Coach.

FCA:AH

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ST. LOUIS, MO.

April 8, 1939

Dr. Forrest C. Allen
University of Kansas
Lawrence, Kansas

Dear Dr. Allen:

On the enclosed blueprint we have shown a conventional flat type backboard on which we have drafted your shooting diagram. The dotted lines represent the changes in the corresponding zone boundary lines when the diagram is transferred to the convex faced backboard. When viewed from the front the slanting lines, which extend towards the upper corners of the convex backboard, will appear slightly curved. You will note that on these slanting zones we have shown an auxiliary dotted line $8-1/4$ " from the edge of the board - this line represents the difference between a carom shot striking the flat backboard on its extreme edge and the same angle shot striking the convex backboard. We have taken the liberty to also show, in dot-dash lines, the outline of the newly designed bank, as suggested by Mr. Porter.

The method used in obtaining the new boundary lines was to compute the angle of incidence and reflection of your shooting diagram zone boundary lines on the flat type backboard, using the center of the basket as a focal point. By applying these same angles to the curved backboard we computed the corresponding lengths of arcs. We are enclosing copies of our computations for your comments as to whether we correctly interpreted the line of thought you expressed in your letter to Mr. Weinzettel.

Sheet #1 shows the angles of incidence and reflection of your shooting diagram boundary lines.

Sheet #2 shows the same angles applied to the curved backboard.

Sheet #3 shows the resultant change in the floor zone boundary lines.

You will note from sheet #3 that the floor shooting zone boundary lines will spread radially from the face of the backboard towards the end zone on either side, resulting in a somewhat wider shooting zone for the corresponding zone on the backboard.

If, in your opinion, the dimensions as shown on the enclosed print are correct, upon your advice we would gladly paint the diagram on all three or any one of the sample banks which we are sending you.

FRED MEDART MANUFACTURING CO.

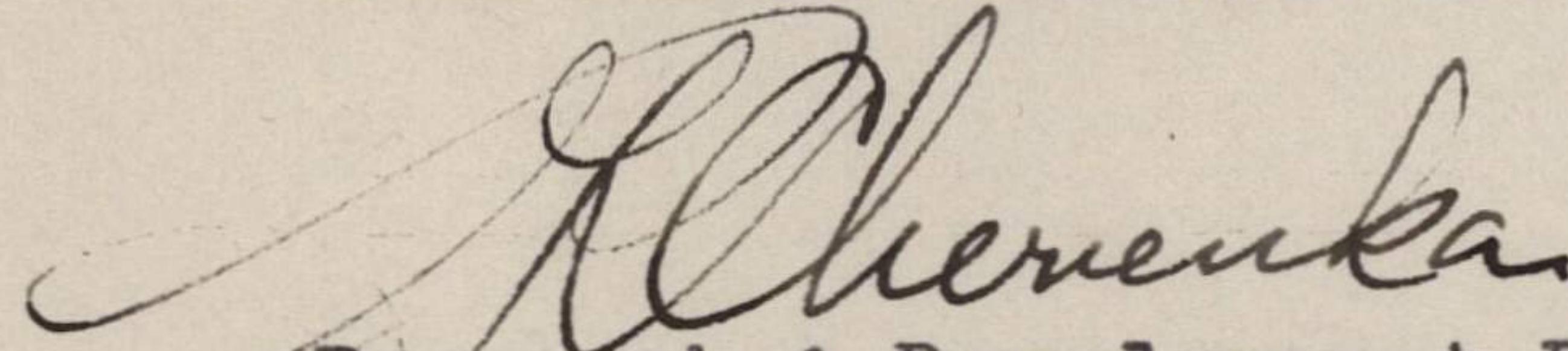
#2

Dr. Forrest C. Allen
Lawrence, Kansas

We are lmost sure that we will have the sample banks, which we are sending you for experimentation, finished by the end of next week, but will definitely let you know when shipment is made.

Yours very truly,

FRED MEDART MANUFACTURING CO.



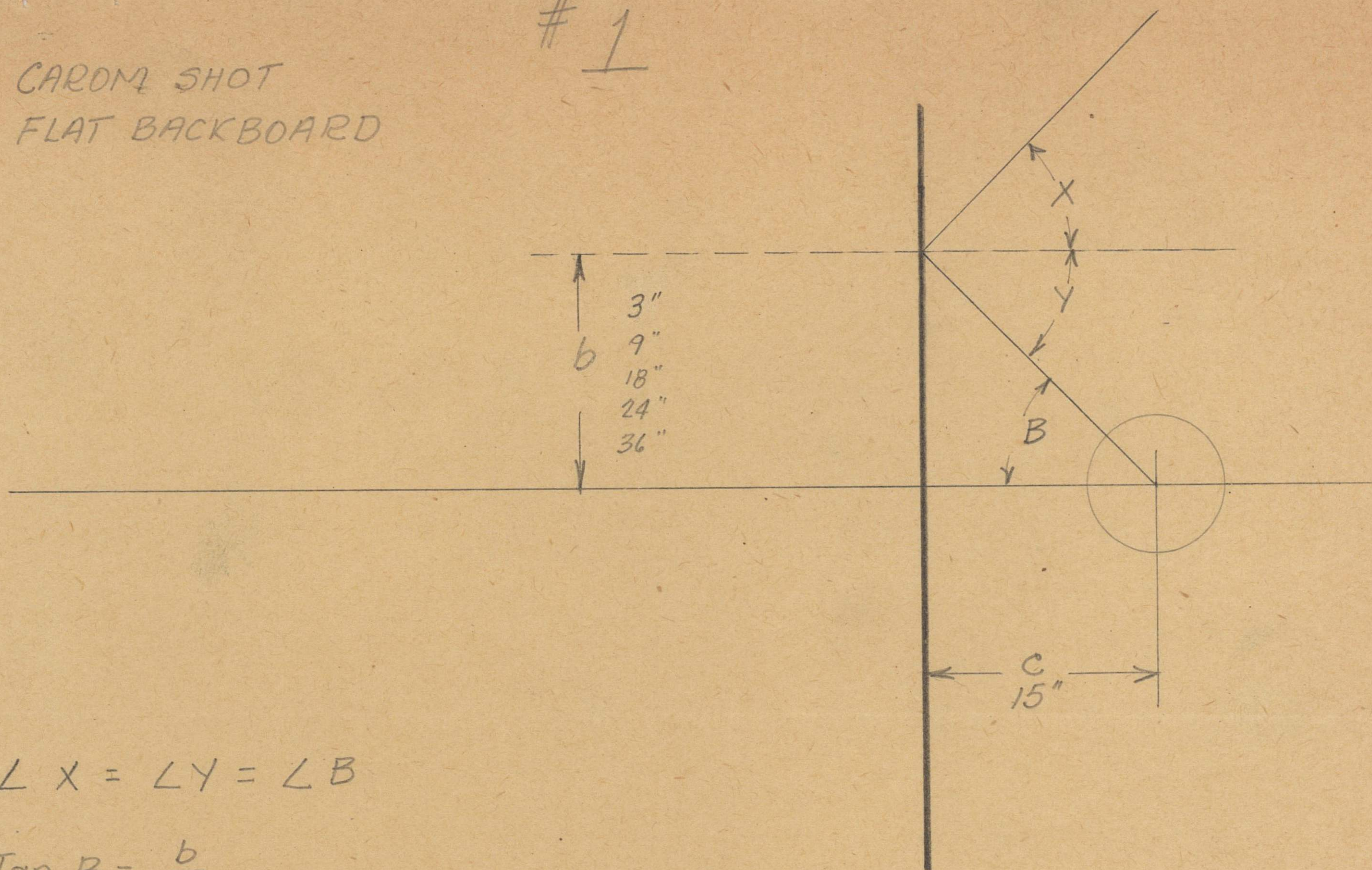
Research & Development Engineer

G.R.Chervenka/AC

P.S. Have not as yet finished your "Better Basketball" but find it exceedingly interesting.

1

CAROM SHOT
FLAT BACKBOARD



$$\angle X = \angle Y = \angle B$$

$$\tan B = \frac{b}{c}$$

$$\frac{3}{15} = .2 = 11^{\circ}19'$$

$$\frac{9}{15} = .6 = 30^{\circ}58'$$

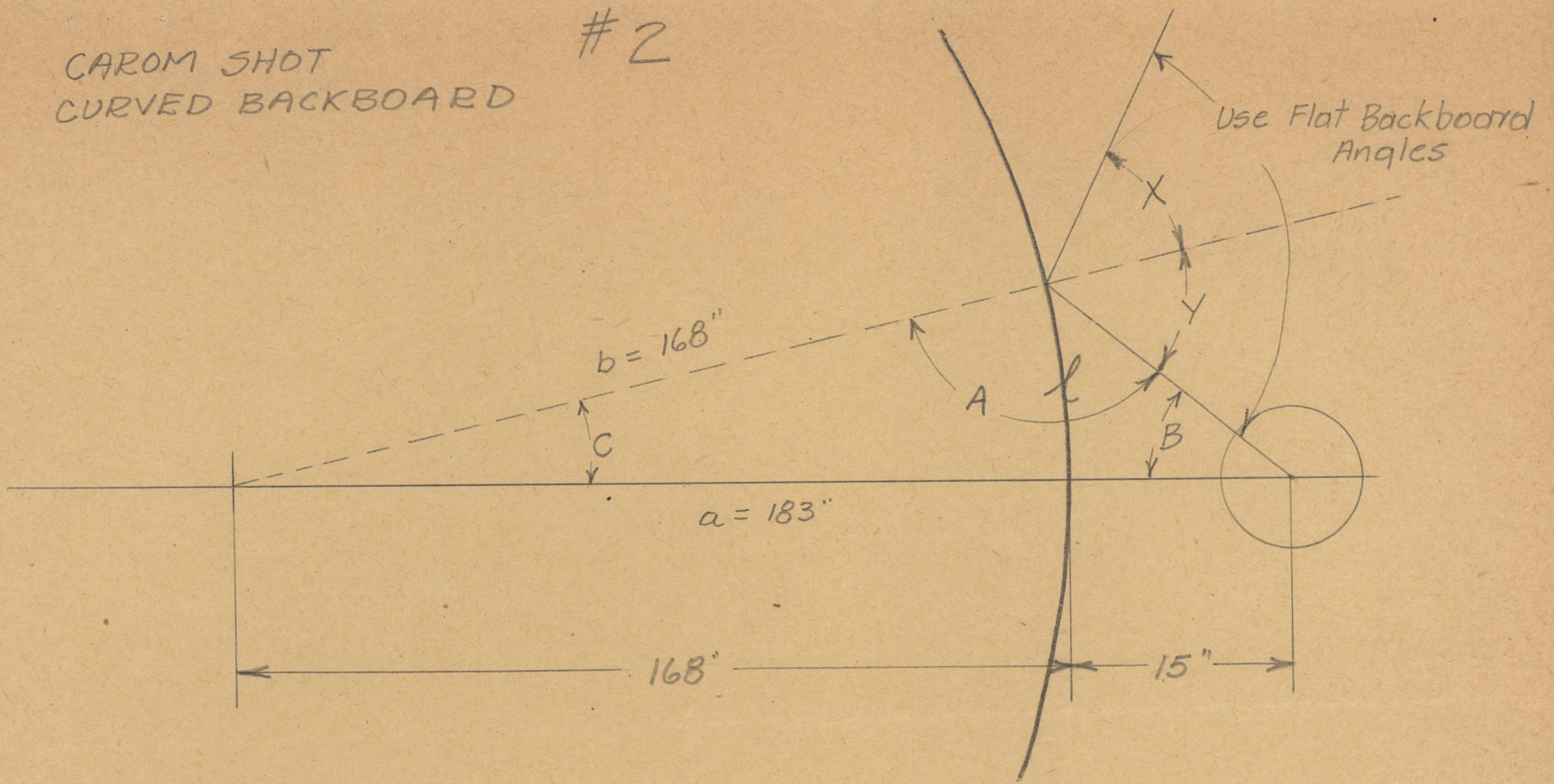
$$\frac{18}{15} = 1.2 = 50^{\circ}11'$$

$$\frac{24}{15} = 1.6 = 58^{\circ}$$

$$\frac{36}{15} = 2.4 = 67^{\circ}23'$$

CAROM SHOT
CURVED BACKBOARD

#2

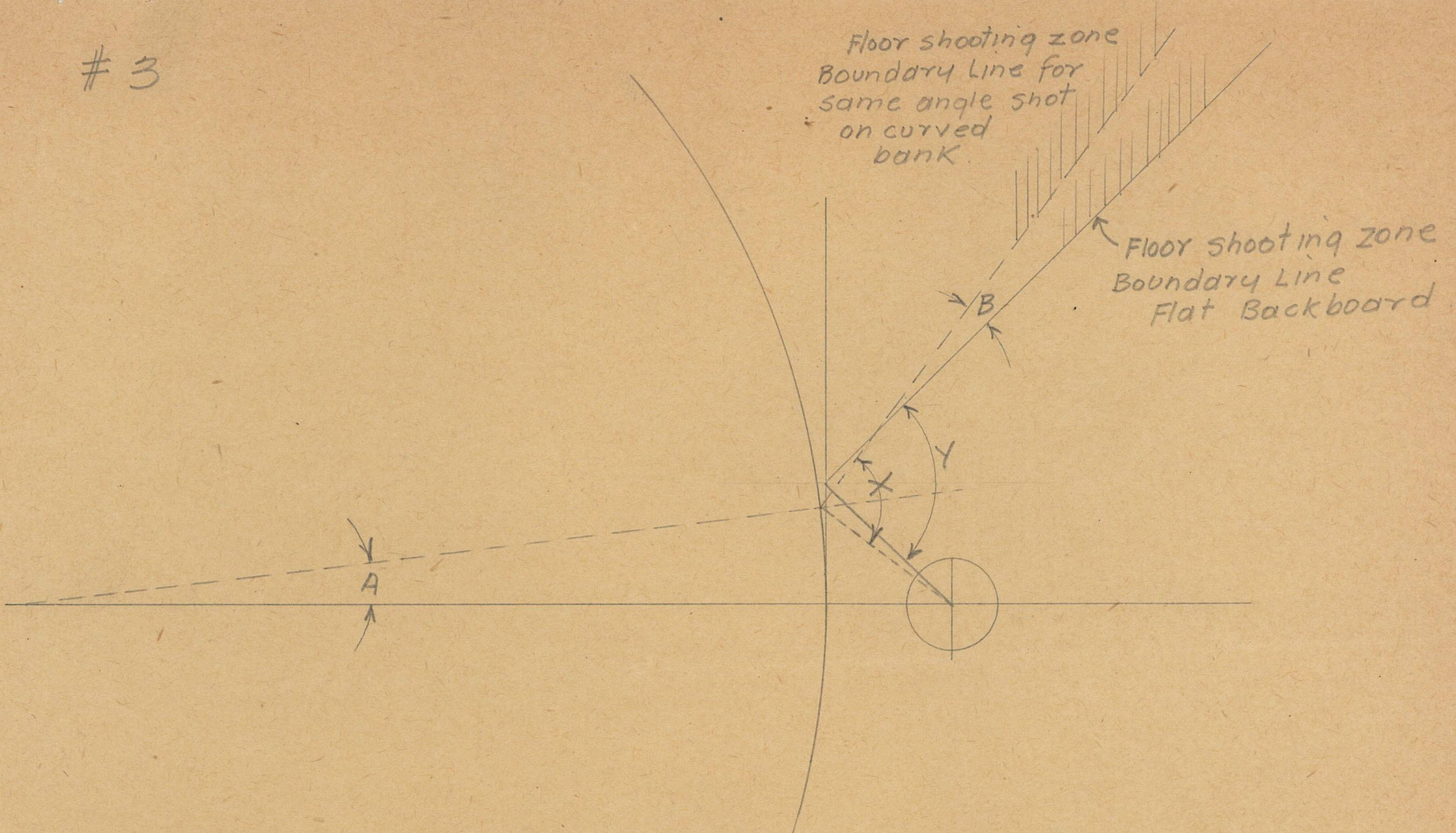


$$\begin{aligned} \angle A &= 180^\circ - \angle Y \\ \angle B &= \sin B = \frac{b \times \sin A}{a} \\ \angle C &= 180^\circ - (\angle A + \angle B) \end{aligned}$$

$$\begin{aligned} l &= .01745 \tau a \\ l &= .01745 b C \\ &= \end{aligned}$$

| $\angle Y$ | $\angle A$ | $\sin \angle A$ | $\sin \angle B$ | $\angle B$ | $\angle C$ | |
|------------|------------|-----------------|-----------------|------------|------------|---------------|
| 11°19' | 168°41' | .19623 | .18014 | 10°23' | 56' | 2.735" : 3" |
| 30°58' | 149°2' | .51454 | .47235 | 28°11' | 2°47' | 8.155" : 9" |
| 50°11' | 129°49' | .76828 | .70528 | 44°51' | 5°20' | 15.629" : 18" |
| 58° | 122° | .84805 | .77851 | 51°8' | 6°52' | 20.119" : 24" |
| 67°23' | 112°37' | .92310 | .84741 | 57°56' | 9°27' | 27.689" : 36" |

3



$\angle X = \angle Y$ AS per sheets #1 + 2.

$\angle A = \angle B$

May 13, 1939.

Mr. R. E. Weinzettel,
Medart Manufacturing Co.,
St. Louis, Missouri.

Dear Mr. Weinzettel:

This will acknowledge receipt of your letters of May 8, 9, and 11.

In regard to the meeting of the Rules Committee some time this fall, possibly August, this will be the executive group with Porter, Tower, Rowe and the other individuals who live in close proximity to these men. This obviates the necessity of all the members getting together and curtails the expense.

Regarding the size of the modified backboard, I might say that the Rules Committee asked me to have other committee members work on a modified board. They suggested doing some additional work on a flat surface board 3' by 4', and the convex board with a width of 4'6" to 5', using a radius first of 2'3", and then another board with a radius of 2'6".

So you can see they apparently had nothing definite in mind until Mr. Porter and Mr. Tower got together and worked out the diagram in the wee hours of the days, as Porter says in his letter of May 9. These gentlemen are members of the Research Committee and they have a perfect right to work on these problems. You can see in his letter he asks if we would sanction such a size and shape.

Personally, I would think that the 3" flange at the bottom of the board would be a mistake because all of our old style baskets have 6" for attachments. I would be glad for you to have a huddle with Mr. Chervenka and your experts there and see if you do not feel that 3" below the basket is a little shy. I rather favor the 6" attachment.

You will recall that this streamlined backboard was Mr. Porter's idea, but all the coaches and research men that I have talked to say it is too small. This has been proven out in our practice. None of our players like it. Mr. Porter did not tell the committee that this was his idea, but rather let it go that this was just one of the boards that your firm submitted.

I will certainly vote for a modified backboard, but I would like to see the convex board voted on as a modified board as optional equipment. It was the feeling of the committee that the convex board should

not be sanctioned as an optional board for this year. Therefore, I, as one of the committee members, would rather see the entire matter left for experimentation for this year and have something to present to the committee for next year. I am so writing Mr. Porter to that effect, and I am enclosing a copy of my letter. You can see why many coaches would not adopt the convex board as an optional board this year because the opponents would object to playing on a convex board after they had practiced on a flat board.

All the Rules Committee members in New York expressed themselves favorably regarding the convex board, but many of them said they wanted to try it out first.

Yes, the two dimensions that I gave you were the two dimensions that were to be included in the Rules Committee minutes, but they were for me, as chairman, to work out with my research committee. I was expecting to take this matter up with the research committee, but apparently Mr. Porter and Mr. Tower did some work while they were still in session.

Let me suggest that you work very closely with Porter and Tower, and of course I will be glad to do everything that I can. But since Porter is leading out with this I would keep close to the source of activity. I would be guided in my actions by what Porter suggests, because Porter is in a good position in the high schools to have any of his high school people erect boards under his direction and do the research work that he desires. For that reason I have always had a very liberal attitude toward giving Mr. Porter attention in the research work. He has the facilities to work with.

You are exactly right in not desiring to build additional backboards of the dimensions used in your three backboards until you get something definite. I would press Porter for an early answer and ask his advice. Of course, Tower is editor of the Guide and Porter is secretary of the Rules Committee, so you see there is a pretty close hook-up there.

Answering your question regarding appointments that I have on my calendar for the next thirty days, I might say that on May 18, 19, 20, 22, 23 and 26 I expect to be out of town. Some of these are high school commencement dates which take me away for the evening only. Our final examinations are from June 1 to 8, and commencement on June 12. I am giving examinations on June 3 and 7. In between some of these dates I could run over to Kansas City or Topeka, or any place that is convenient to you, or if you care to come to Lawrence that would be perfectly satisfactory with me. Whatever is most convenient to you will suit me. I will be glad to see you and Mr. Medart.

Referring again to the small board, I quite agree with you that the expense would be considerable, and I believe that is out. The trend of the committee was toward a larger board. I would like to ask you how small that board could be to use the old attachments, such as braces

and so forth. I am mentioning this to Porter and suggesting that it be given serious consideration.

With all good wishes, I am

Sincerely yours,

Director of Physical Education,
Varsity Basketball Coach.

FCA:AH

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St. LOUIS, MO.

May 11, 1939

Dr. Forrest C. Allen,
Director of Physical Education
University of Kansas
Lawrence, Kansas

Dear Dr. Allen:

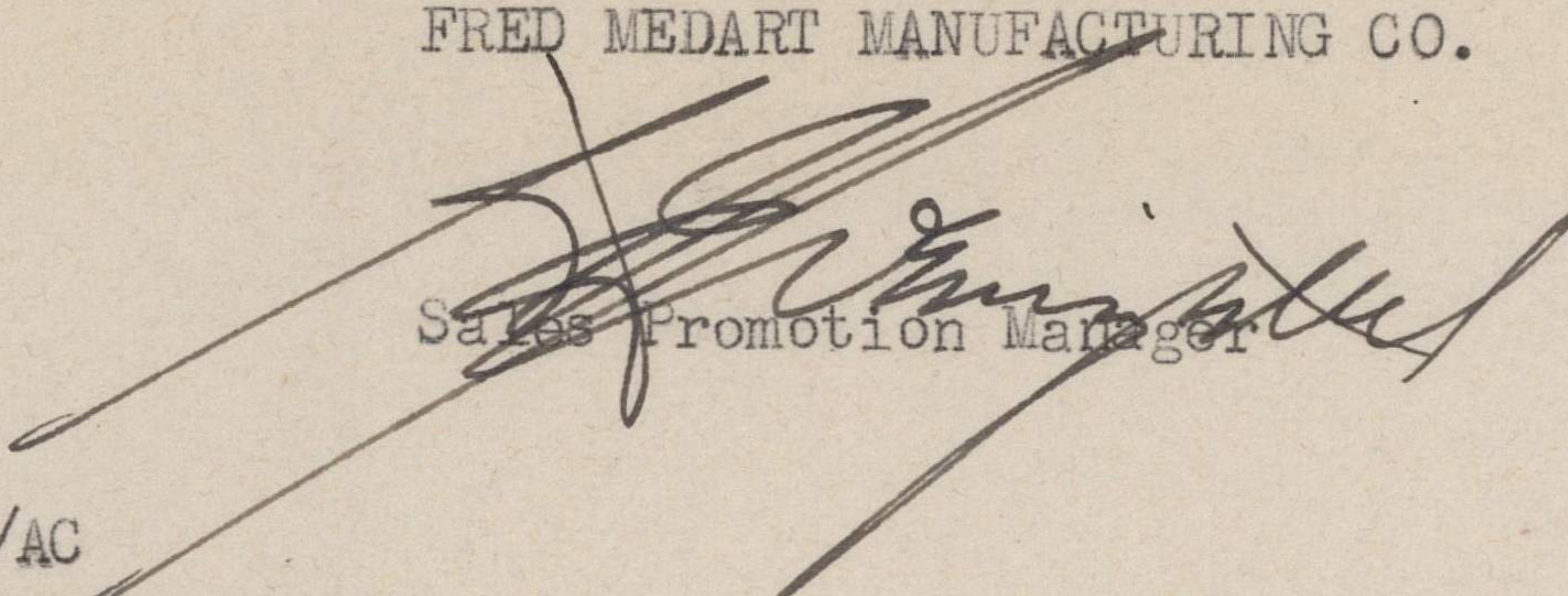
Thank you for your letter of May 9 acknowledging receipt of the short article we provided, together with photographs of the new type backboard, and also for the enclosures you very kindly sent.

These are very interesting and I am going to take the first opportunity possible to bring myself up to date on what is happening in the basketball world.

Kindest regards.

Cordially yours,

FRED MEDART MANUFACTURING CO.


Sales Promotion Manager

R.E. Weinzettel/AC

P.S. I am awaiting further word from you in regard to my several other letters concerning the new backstop, with more than ordinary interest.

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ST. LOUIS, MO.

May 9, 1939

Dr. Forrest C. Allen
University of Kansas
Lawrence, Kansas

Dear Dr. Allen:

We have given some discussion to the results of the New York meeting and also the demonstration in Chicago last Friday, which was attended by Mr. Porter and about forty of the local coaches. Mr. Chervenka attended the Chicago meeting.

Mr. Chervenka brought back with him the following information, which we are passing along to you for consideration.

We understand there will be another meeting of the Rules Committee some time this Fall, possibly August. Is this correct?

Mr. Porter was of the opinion that a modified (for size) backboard would eventually be approved as optional equipment by your Committee.

Porter seems to question whether a convex board would be approved as optional because of the question in the minds of the members of the Association to whom your questionnaire is directed, as concerns the effect a convex surface would have on the individual's game, or possibly I should say the individual ability of the player who has been training on a flat board. This opinion was advanced by him notwithstanding the fact that the Rules Committee in New York expressed themselves favorably as regards the convex surface and as relayed by you to Mr. Medart and the writer.

Mr. Porter provided Geo. Chervenka with dimensions for two other sizes of boards, which Mr. Chervenka understood were included in the Rules Committee minutes.

We are attaching a copy of our drawing ME-845-B, which covers, in addition to the three backboards in your possession, two additional boards which are drawn per the information supplied by Mr. Porter in Chicago last week.

All of the foregoing leaves us a little bit hazy as to the next procedure and we are approaching you for any suggestion that you may have to offer. For example, we would not want to build additional backboards of the dimensions used to construct the three in your possession in the event that either one of the two other boards we show on our drawing are likely to be favored. We have written Mr. Bunn, per your suggestion and along these lines. Likewise, we have written Mr. Maguire of Harrisburg. Both of these men have expressed a desire to have some of these demonstration boards placed in their possession for test

FRED MEDART MANUFACTURING CO.

#2

Dr. Forrest C. Allen
Lawrence, Kansas

purposes. Copies of our letters to both parties are attached for your consideration.

When last together you advised you were going up to Ames, Iowa for a meeting, and I would like to ask you just how the next thirty days or so appears on your appointment calendar. In other words, will you please give us some confirmation of the time when you will be in Lawrence, or possibly it would be better to list the dates when you will be away from your home, so we can give some thought toward the get-together discussed in New York.

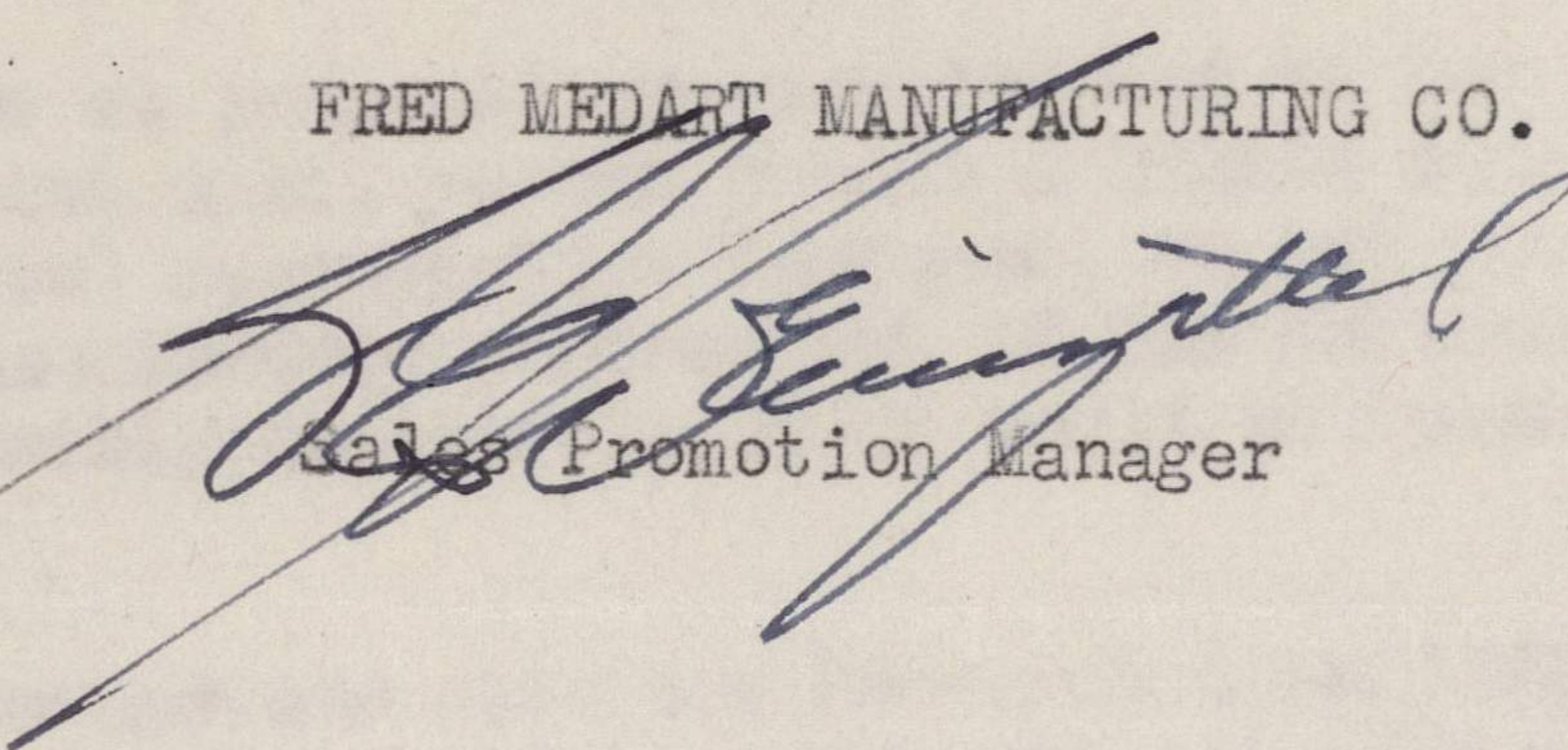
Meanwhile, we would appreciate any comments you might give us in connection with the statements above, plus the questions we now find before us.

Incidentally, the thought that comes to us regarding the small backboard that Porter originally specified is that there would be considerable expense in connection with the replacement of large 4'x6' boards, in the event an extremely small board was adopted. I am, of course, referring to existing installations where the 4'x6' boards are now in use.

Kindest regards.

Cordially yours,

FRED MEDART MANUFACTURING CO.



Sales Promotion Manager

R.E. Weinzettel/AC
Enc.

May 9, 1939

Mr. Frank P. Maguire, Chief
Health and Physical Education
Department of Public Instruction
Harrisburg, Pennsylvania

Dear Mr. McGuire:

Last Wednesday, upon his return from the New York meeting where we were privileged to demonstrate the three special backboards to the members of your Committee, the writer stopped in to see you but, unfortunately, learned that you had not yet returned from New York.

At the time of the demonstration in the University gymnasium, we advised our President, Mr. E. J. Medart, of your interest in these banks and suggested that if we saw our way clear to forwarding a set of them to you, that you would be glad to conduct some tests. Naturally we appreciate this offer of co-operation.

However, there seems to be some discrepancy in the several reports that have come to our attention, not only as a result of the New York demonstration but following a like demonstration held last Friday in Chicago before about forty local coaches. Mr. Porter attended this Friday demonstration.

The three sets of special backstops we prepared are now located in New York, Chicago, and in Lawrence, Kansas, and until we can obtain a little more information concerning size and general construction features, we ask your indulgence, as we would rather not manufacture another set of the backboards used in New York, knowing that possibly changes in sizes would be recommended by someone of your Committee.

We are continuing our efforts to co-operate with the Research Committee and will appreciate any comment you might care to make concerning the three banks you saw in New York. As you know, we had the usual 4'x6' bank with the curved surface, a second bank approximately the same size but with the four corners rounded, and the third bank being a small one that was fabricated on specifications supplied us by Mr. Porter. Each of the three banks are fitted with a convex surface.

We shall write you further and, as mentioned in the preceding paragraph, shall appreciate any thoughts you may care to give us concerning the above.

Cordially yours,

FRED MEDART MANUFACTURING CO.

Sales Promotion Manager

R.E.Weinzettel/AC

May 9, 1939

Mr. J. W. Bunn, Dean of Men
Stanford University
Stanford University, California

Dear Mr. Bunn:

Upon the suggestion of Dr. Allen, we are sending you a copy of our original drawing MF-58, covering the convex backstop, standard 4'x6' size, as was demonstrated in connection with the other two sizes in New York during your meeting.

We are also enclosing copy of our letter of March 24 to Dr. Allen in which we covered our thought concerning this convex basketball backstop and also included the claims made by the inventor of the board. We believe this letter will give you a foundation concerning what has gone on before, and from this point on we shall, of course, keep you posted as we want you to have, at all times, a file on what is being attempted at this end to develop this new idea in basketball backboards.

At the time we met in New York there was some comment made regarding the possibility of supplying you with a set of samples such as we exhibited in New York. Unfortunately, we made only three sets of these samples and in addition to the set in New York we installed a set of them in Chicago, where they were demonstrated before Mr. Porter and about forty local coaches last Friday. The third set was installed in the University of Kansas in Lawrence and, consequently, we do not have any additional backboards on hand at this time.

Rather than make up another set, in view of what has come to light both in New York and in Chicago last week, when there was some discussion regarding the correct size, we ask that you bear with us a little while until we can arrive at some more definite conclusion and then we shall make up a backboard built on revised specifications, and shall be glad to forward one to you for testing purposes.

Incidentally, the reports that have reached us from the Chicago demonstration was that the small backboard was seemingly favored by Mr. Porter. We obtained the impression in New York that this board was a little too small. Viewing this matter from another angle, the adoption of a board of the restricted size, as demonstrated in New York, would complicate the question of present pipe supports which are now being used to support the standard 4'x6' board. Obviously, in this connection we are thinking of economy in the way of a change-over, if it should be approved by your Rules Committee.

#2

J.W.Bunn
Stanford University, Cal.

In any event, we shall keep in close contact with you, as mentioned above, and, likewise, will appreciate any comment that you may care to give us at this time or in the future.

It was a pleasure to have met you and Mr. Medart and the writer both regret that we were unable to spend more time with you when together in New York.

Cordially yours,

FRED MEDART MANUFACTURING CO.

Sales Promotion Manager

R.E.Weinzettel/AC
Enc.

COPY

April 14, 1939.

Mr. R. E. Weinzettel,
Sales Promotion Manager,
Fred Medart Mfg. Co.,
St. Louis, Missouri.

Dear Mr. Weinzettel:

Your letter of the 13th instant just received, and we are anxiously looking forward to the appearance of the backboards which were shipped on Thursday. We will put them up right away and begin our experimentation.

I would suggest that you write Mr. Porter telling him of your difficulty in not hearing from Mr. Salmon. You might ask Mr. Porter to write to Mr. Salmon, as a courtesy, and see if he can do anything about it. Mr. Salmon, as you know, is one of these Wall Street brokers, and not a college executive. This is an honorary position, so far as he is concerned, and for that reason he may not show the interest that some of the rest of us do in this project.

I also believe it would be well if Mr. Porter, as secretary of the National Committee, would write to someone there in New York whose school is not too far away from the place of our meeting, the McAlpin Hotel, and ask that these backboards be put up there. Then our committee could go over and see them in operation.

If you don't get quick action on this, let me know, and I am sure that I can get some action for you.

With deep appreciation of your courtesies and cooperation, I am

Sincerely yours,

Director of Physical Education,
Varsity Basketball Coach.

FCA:AH

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ST. LOUIS, MO.

April 13, 1939

Dr. Forrest C. Allen
C/o University of Kansas
Lawrence, Kansas

Dear Dr. Allen:

This is to advise that we shipped today, Thursday, April 13, the three basketball backboards referred to in previous correspondence.

This shipment went forward via Wabash-Santa Fe Railroad, and delivery should be made about the second morning from day of shipment.

Incidentally, this memorandum order was entered to 'University of Kansas, Forrest C. Allen, Director of Physical Education, Lawrence, Kansas', so you will, of course, be notified by someone at your end as soon as this shipment is received.

Incidentally, we wrote Mr. H. H. Salmon, Jr., of New York, under date of March 30, offering him the third set of backboards for his May 1 meeting, but to date have heard nothing from him. We are becoming a little concerned over this fact. Do you think it advisable that we again write Mr. Salmon, repeating our offer; or should we wait a little longer for word from him?

In addition to the three backboards shipped to you today, we forwarded some wood stringers, which you may find necessary to attach the small 2-1/2' x 4' board to your present pipe supports or other fixtures as are now used to support the standard 4' x 6' backboard. As an emergency measure you can, of course, easily attach the wood stringers to the back of the small backboard and then attach the stringers to the pipe supports. Of course if you can arrange to attach this small size backboard against the balcony, without the use of the stringers, so much the better, as I am of the opinion they might be a hindrance if used in connection with a pull-up type backboard.

Kindest personal regards.

Yours very truly,

FRED MEDART MANUFACTURING CO.


Sales Promotion Manager

R.E. Weinzett el/AC

| CLASS OF SERVICE DESIRED | |
|--------------------------|----------------|
| DOMESTIC | CABLE |
| TELEGRAM | FULL RATE |
| DAY LETTER | DEFERRED |
| NIGHT MESSAGE | NIGHT LETTER |
| NIGHT LETTER | SHIP RADIOGRAM |

Patrons should check class of service desired; otherwise message will be transmitted as a full-rate communication.

WESTERN UNION

R. B. WHITE
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
FIRST VICE-PRESIDENT

| |
|---------------|
| CHECK |
| ACCT'G INFMN. |
| TIME FILED |

Send the following message, subject to the terms on back hereof, which are hereby agreed to

MARCH 24 1939

DR FORREST C ALIEN
UNIVERSITY OF KANSAS
LAWRENCE KANSAS

Research

3/

INVITE YOU TO ATTEND A DEMONSTRATION OF A NEW TYPE OF BASKETBALL BANK WHICH WILL BE HELD FRIDAY MARCH 31ST AT THREE P M UNIVERSITY CITY HIGH SCHOOL GYMNASIUM UNIVERSITY CITY MISSOURI STUB MUHL OFFICIATING ACTUAL DEMONSTRATION UNDER PLAYING CONDITIONS ALL YOUR EXPENSES WILL BE PAID BY US. NEW BANK WILL OPEN UP OFFENSIVE SCORING OPPORTUNITIES AND ELIMINATES BLIND SHOOTING AREAS AT CORNERS AND ENDS OF COURTS. WIRE US COLLECT WHETHER WE CAN COUNT ON YOU. LETTER FOLLOWS

FRED MEDART MFG CO

GC MG
PAID
TWS

ALL MESSAGES TAKEN BY THIS COMPANY ARE SUBJECT TO THE FOLLOWING TERMS:

To guard against mistakes or delays, the sender of a message should order it repeated, that is, telegraphed back to the originating office for comparison. For this, one-half the unrepeated message rate is charged in addition. Unless otherwise indicated on its face, this is an unrepeated message and paid for as such, in consideration whereof it is agreed between the sender of the message and this company as follows:

1. The company shall not be liable for mistakes or delays in the transmission or delivery, or for non-delivery, of any message received for transmission at the unrepeated-message rate beyond the sum of five hundred dollars; nor for mistakes or delays in the transmission or delivery, or for non-delivery, of any message received for transmission at the repeated-message rate beyond the sum of five thousand dollars, *unless specially valued*; nor in any case for delays arising from unavoidable interruption in the working of its lines; nor for errors in cipher or obscure messages.
2. In any event the company shall not be liable for damages for mistakes or delays in the transmission or delivery, or for the non-delivery, of any message, whether caused by the negligence of its servants or otherwise, beyond the sum of five thousand dollars, at which amount each message is deemed to be valued, unless a greater value is stated in writing by the sender thereof at the time the message is tendered for transmission, and unless the repeated-message rate is paid or agreed to be paid, and an additional charge equal to one-tenth of one percent of the amount by which such valuation shall exceed five thousand dollars.
3. The company is hereby made the agent of the sender, without liability, to forward this message over the lines of any other company when necessary to reach its destination.
4. Domestic messages and incoming cable messages will be delivered free within one-half mile of the company's office in towns of 5,000 population or less, and within one mile of such office in other cities or towns. Beyond these limits the company does not undertake to make delivery, but will, without liability, at the sender's request, as his agent and at his expense, endeavor to contract for him for such delivery at a reasonable price.
5. No responsibility attaches to this company concerning messages until the same are accepted at one of its transmitting offices; and if a message is sent to such office by one of the company's messengers, he acts for that purpose as the agent of the sender.
6. The company will not be liable for damages or statutory penalties in any case where the claim is not presented in writing within sixty days after the message is filed with the company for transmission.
7. It is agreed that in any action by the company to recover the tolls for any message or messages the prompt and correct transmission and delivery thereof shall be presumed, subject to rebuttal by competent evidence.
8. Special terms governing the transmission of messages according to their classes, as enumerated below, shall apply to messages in each of such respective classes in addition to all the foregoing terms.
9. No employee of the company is authorized to vary the foregoing.

THE WESTERN UNION TELEGRAPH COMPANY
INCORPORATED
R. B. WHITE, PRESIDENT

CLASSES OF SERVICE

TELEGRAMS

A full-rate expedited service.

NIGHT MESSAGES

Accepted up to 2:00 A.M. at reduced rates to be sent during the night and delivered not earlier than the morning of the ensuing business day.

Night Messages may at the option of the Telegraph Company be mailed at destination to the addressees, and the Company shall be deemed to have discharged its obligation in such cases with respect to delivery by mailing such night messages at destination, postage prepaid.

DAY LETTERS

A deferred day service at rates lower than the standard telegram rates as follows: One and one-half times the standard night letter rate for the transmission of 50 words or less and one-fifth of the initial rates for each additional 10 words or less.

SPECIAL TERMS APPLYING TO DAY LETTERS:

In further consideration of the reduced rate for this special Day Letter service, the following special terms in addition to those enumerated above are hereby agreed to:

A. Day Letters may be forwarded by the Telegraph Company as a deferred service and the transmission and delivery of such Day Letters is, in all respects, subordinate to the priority of transmission and delivery of regular telegrams.

B. This Day Letter is received subject to the express understanding and agreement that the Company does not undertake that a Day Letter shall be delivered on the day of its date absolutely, and at all events; but that the Company's obligation in this respect is subject to the condition that there shall remain sufficient time for the transmission and delivery of such Day Letter on the day of its date during regular office hours, subject to the priority of the transmission of regular telegrams under the conditions named above.

NIGHT LETTERS

Accepted up to 2:00 A.M. for delivery on the morning of the ensuing business day, at rates still lower than standard night message rates, as follows: The standard telegram rate for 10 words shall be charged for the transmission of 50 words or less, and one-fifth of such standard telegram rate for 10 words shall be charged for each additional 10 words or less.

SPECIAL TERMS APPLYING TO NIGHT LETTERS:

In further consideration of the reduced rates for this special Night Letter service, the following special terms in addition to those enumerated above are hereby agreed to:

Night Letters may at the option of the Telegraph Company be mailed at destination to the addressees, and the Company shall be deemed to have discharged its obligation in such cases with respect to delivery by mailing such Night Letters at destination, postage prepaid.

FULL RATE CABLES

An expedited service throughout. Code language permitted.

DEFERRED HALF-RATE CABLES

Half-rate messages are subject to being deferred in favor of full rate messages for not exceeding 24 hours. Must be written in plain language.

CABLE NIGHT LETTERS

An overnight service for plain language communications, at one-third the full rate, or less. Minimum of 25 words charged for. Subject to delivery at the convenience of the Company within 24 hours.

SHIP RADIOGRAMS

A service to and from ships at sea, in all parts of the world. Plain language or code language may be used.

April 17, 1939.

Mr. R. E. Weinzettel,
Sales Promotion Manager,
Medart Manufacturing Co.,
St. Louis, Missouri.

Dear Mr. Weinzettel:

Thank you for your kind note of the 15th. I shall be glad to know what you hear from Mr. Porter.

The backboards have just arrived this morning, and we are having them put up right away.

With best wishes, I am

Sincerely yours,

Director of Physical Education,
Varsity Basketball Coach.

FCA:AH

FRED MEDART MANUFACTURING CO.

STEEL LOCKERS - STEEL SHELVING - STEEL WARDROBES
GYMNASIUM APPARATUS - PLAYGROUND APPARATUS
GYM SEATS - SWIMMING POOL EQUIPMENT
METAL SPECIALTIES

NEW YORK OFFICE
16 WEST 61ST STREET

CHICAGO OFFICE
326 W. MADISON ST.

GENERAL OFFICE AND FACTORY
POTOMAC AND DE KALB STREETS

ST. LOUIS, MO.

April 15, 1939

Dr. Forrest C. Allen,
Director of Physical Education
University of Kansas
Lawrence, Kansas

Dear Dr. Allen:

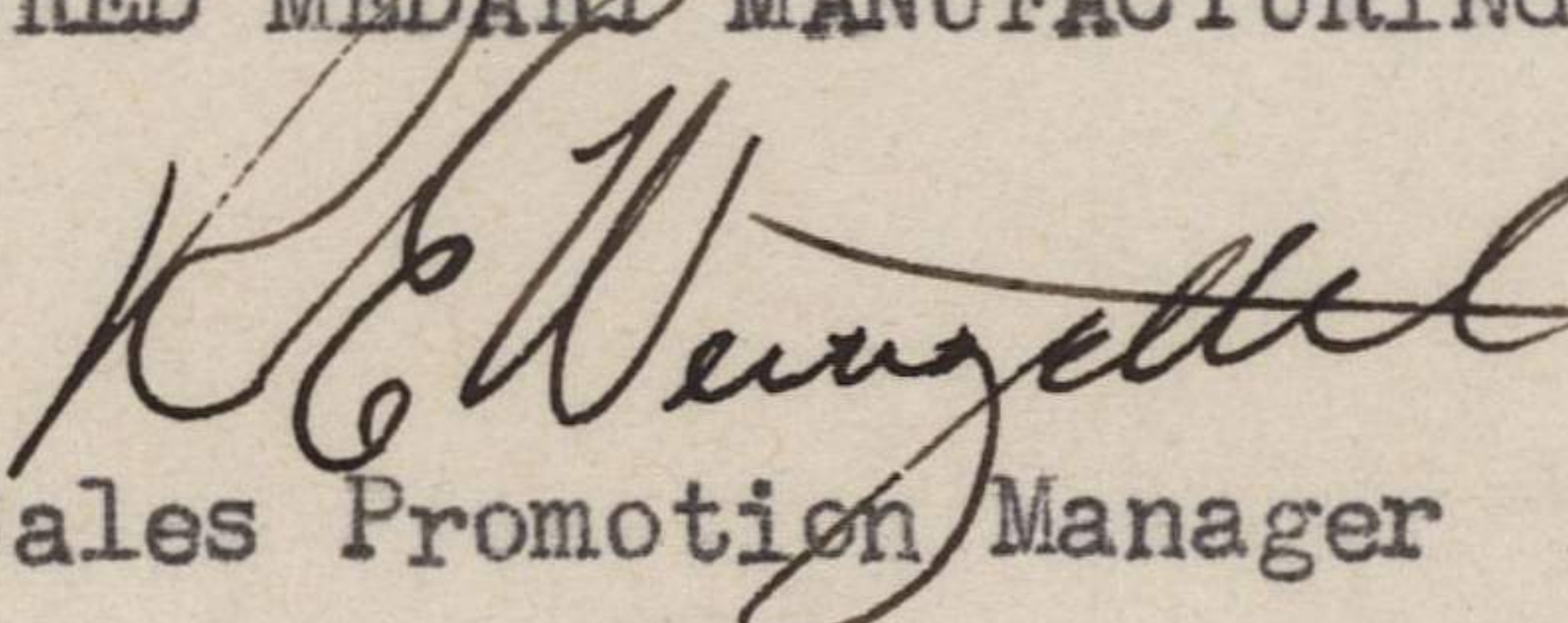
Thank you for your letter of April 14 with suggestions regarding the New York meeting and our original approach to Mr. Salmon concerning a display of the special backboards we have ready to ship to New York for your May 1 meeting.

We are writing Mr. Porter today and are adopting your suggestion. We will advise you further as this approach to the above is answered.

Kindest regards.

Cordially yours,

FRED MEDART MANUFACTURING CO.


Sales Promotion Manager

R.E.Weinzettel/AC